



Venda quente moldada espuma bebê mudando fralda almofada para bebê

Categoria: PUF PAD, MAT

Material: PU poliuretano - espuma de pele integral

Densidade: 200-250kg / m3 Hot Venda Alta densidade bebê impermeável mudando esteira para bebê

Forma: De acordo com os requisitos do cliente para design de produto e molde personalizado

Cor: preto, cinza e outras cores podem ser personalizados a pedido.

Embalagem: caixa padrão

Termos de pagamento: depósito de 30%, pagamento e entrega.

MOQ: 1.000pcs.

Localização do transporte: China • Fujian • Xiamen

Conheça a certificação: Rosh, alcance, EN71-3, 6P ftálico

Outro: fábricas chinesas de OEM e processamento, especializada na produção de produtos PU, incluindo acessórios (ferro, madeira, plásticos, etc.).



Finehope obteve certificado ISO 9001 continuamente desde 2003.

Certificação IATF16949:

Finehope passou pela certificação de sistemas de gerenciamento de qualidade automotiva IATF16949 em 2021. Mais de 50 documentos garantem o progresso do desenvolvimento de novos produtos, a qualidade, tempo de entrega e custo de produção de ensaio e produção em massa.

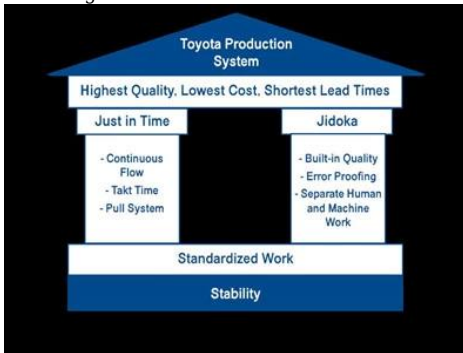
Desde a cooperação entre Finehope e Caterpillar em 2007, a Finehope utilizou o sistema de gestão da qualidade automotiva para a nova introdução do produto, utilizando as cinco ferramentas da SPC, MSA, FMEA, APQP e PPAP, que ganharam louvor dos executivos da Caterpillar e estabeleceram um longo -term parceria até agora.

Our Advandages



Recurso de pesquisa e desenvolvimento de matéria-prima PU
Desde 2002, a Finehope foi comprometida com o design e fabricação de produtos de espuma moldados PU. A pesquisa independente e o desenvolvimento de materiais de fórmula e capacidade de produção estável são a base para a garantia de qualidade.

Finehope pode ajustar a fórmula do produto a qualquer momento de acordo com as necessidades personalizadas dos produtos personalizados dos clientes, como os requisitos de dureza, elasticidade, suporte, sensação, densidade, cor e outras propriedades físicas e químicas, e podem fazer requisitos de formulação em conformidade com as leis e regulamentos de vários países. Claro, uma boa fórmula também deve considerar o melhor desempenho de custo. Para novos projetos, a capacidade de desenvolver formulações do PU é uma condição fundamental para garantir a qualidade do desenvolvimento do produto, tempo de entrega e custo.



Capacidade de gestão científica

Finehope enfatiza a importância do Sistema de Produção Toyota e do modelo de coaching corporativo para otimizar a eficiência da gestão. Melhoria contínua A eficiência e a qualidade de todos os funcionários, a gestão e o pessoal de produção foram efetivamente e continuamente melhoradas, os custos de gestão e produção foram continuamente reduzidos, mas mais importantes do que a eficiência e o custo é o cultivo do crescimento dos funcionários por meio de melhoria contínua, porque isso é o núcleo do desenvolvimento sustentável corporativo.



Design de equipamentos de automação e capacidades de fabricação

A capacidade de Finehope de projetar e fabricar equipamentos de automação é rara na indústria. Ao participar do projeto de novos equipamentos de mistura de injeção de PU e a transformação de automação da linha de produção, para garantir que, sob a concorrência do dividendo demográfico da China, seja reduzido e os custos de trabalho continuam a subir, a eficiência da produção também pode ser melhorada, trabalho e material os custos podem ser reduzidos. Além disso, as capacidades contínuas de design e fabricação de equipamentos-chave, como luminárias, equipamentos especiais e moldes automáticos também são as razões pelas quais a Finehope está em uma posição de liderança em todos os aspectos. A capacidade de Finehope de reduzir continuamente os custos e inovar produtos pode ajudar os clientes a trazer maior valor. Portanto, é um parceiro confiável de longo prazo de muitas empresas da Fortune 500 e liderando empresas da indústria.



O refinamento de Finehope reduz o problema para os clientes, porque reduz a negligência no sistema de processo humano e a capacidade de acumular continuamente a experiência profissional, que pode garantir que todos os novos projetos sejam concluídos no menor tempo.

Famous customer

Cooperation experience

Engineering
Vehicle

BOYD
CORPORATION

TVH



Honeywell | **STIGA** **CAT**

Medical
Equipment

Hill-Rom

INVACARE
Yes, you can.

MAQUET
GETINGE GROUP

DrPosture

KiMobility

Baby
Supplies

Bumbo **Nuby**

bugaboo

chicco

**Hatch
Baby**

GRACO

Fitness
Equipment

STAR TRAC
expect different.

BOWFLEX

IB&G
BUILDING PRODUCTS

ergoDRIVEN
ergonomic solutions

NUVA

Other

PANDORA
UNFORGETTABLE MOMENTS

Cubefit

Knoll

Perguntas frequentes

1. Por que você escolhe Finehope?

Finehope é o mais profissional fabricante PU na China, que tem uma equipe profissional de P & D, equipamentos avançados de produção PU, equipamento de teste profissional e sistema de gestão de qualidade perfeita. Temos uma experiência de cooperação de 12 anos com CAT, FIAT, TVH, Stiga e outras empresas famosas. Nós fornecemos-lhes um serviço de uma etapa da P & D para a produção para satisfazer suas necessidades de personalização.

2. Quais são as vantagens da escolha do Finehope?

- 1) Garantia de qualidade do produto, garantia de entrega, bom serviço pós-venda.
- 2) eficiência de desenvolvimento rápida e rápida, operação profissional com integridade.
- 3) Finehope conduzirá todas as análises de teste e, em seguida, elaborará padrões de teste para reduzir a disputa padrão de qualidade entre clientes e fabricantes.
- 4) Modo Lean Gerenciamento de Produção.
- 5) Ajude os clientes a desenvolver e projetar novos produtos.
- 6) Tem rica experiência no design e processamento de produtos PU.
- 7) Finehope é uma empresa de alta tecnologia na China com doméstica e tem tecnologia de patentes de invenção internacional e intelectual propriedade.

3. Qual é a diferença entre Finehope e pares domésticos?

- 1) Garantia de qualidade: planejamento de qualidade avançado (APQP).
- 2) Finehope tem experiência rica em atender grandes empresas internacionais.
- 3) Tem equipe de pesquisa científica profissional de material de poliuretano.
- 4) Tem design independente, fabricação e inovação capacidade de equipamentos de produção e moldes.
- 5) Tem equipe de engenheiro que é responsável pelo sistema de garantia de qualidade e controle de qualidade.

4. Quais são as diferenças entre Finehope e Europeu e Pares U.S?

- 1) Tem cadeia de suprimentos de suporte perfeita e madura.
- 2) menores custos de molde.
- 3) Alta eficiência da capacidade de desenvolvimento e design e curto processo de processo.
- 4) Vantagem de custo e boa atitude de serviço.

5. Quais são as aplicações de produtos PU?

Carro, máquinas de engenharia, equipamento de fitness esportivo, máquinas médicas e itens domésticos diários e assim por diante.



About us







Our Certification





Alibaba Verified Supplier Certificate

Since 2007, Finehope has continuously passed TUV certification and has become an Alibaba Verified Supplier. Verified Supplier is a high-quality supplier verified by the authoritative strength of Alibaba platform. Through online and offline on-site audits, the merchants' corporate qualifications, product qualifications, corporate capabilities, and other comprehensive strengths are reviewed and verification.



Integration of Informationization and Industrialization Management System Certificate

The certificate is assessed by the Xiamen Municipal Government and issued by the Shanghai Academy of Quality Management Science. This certificate reflects the level of Finehope's in-depth integration of informatization and industrialization. Finehope will continue to take a new path of industrialization; use information technology as the support to transform and upgrade traditional kinetic energy, cultivate new kinetic energy, and pursue a sustainable development model.



Xiamen Growth-oriented Micro, Small & Medium Enterprises

Finehope has been rated as "Xiamen Growth-oriented Micro, Small & Medium Enterprises" since 2019. It is the scoring result of the Xiamen Municipal Government based on Finehope's various comprehensive indicators, growth models, brand strength in the industry, and good corporate reputation, then issue this certificate. It is a proof that Finehope stands out among thousands of small and medium-sized enterprises in the city.



Work Safety Standardization Certificate

Manufacturing safety is important to prevent or lessen the risk of workplace injury, illness, and death. Finehope General Manager Tiger Side: "Only those manufacturing facilities which continue to emphasize safety as a top-level issue will remain highly productive and competitive in today's marketplace." Finehope must be proactive about employee safety. Without a focus on safety, can place their employees at risk, cause fire and face expensive property damage and affect delivery.



Xiamen Science And Technology Little Giant Leading Enterprise

Since 2019, Finehope has been selected as the leading company of Xiamen Science and Technology Little Giant. This certificate was jointly issued by five departments of the Xiamen Municipal Government. The selection criteria focus on strategic emerging industries such as new generation information technology, high-end equipment, new materials, new energy, biology and new medicine, energy saving and environmental protection, and marine high-tech. Winning this honor shows that Finehope is at the forefront of the industry in new information technology and new materials.



Fujian Province Pollution Discharge Permit

Pollution discharge permits are the "identity cards" of all entities involved in the discharge of pollutants and are issued by the Xiamen Municipal Environmental Protection Bureau. General Secretary Xi Jinping emphasized that "the ecological environment should be protected like the eyes, and the ecological environment should be treated like life." Premier Li Keqiang said: "Environmental pollution is a hazard to the people's livelihood and the pain of the people's hearts. It must be dealt with an iron fist." The Chinese government's determination to improve the environmental quality of the atmosphere, water bodies, and soil cannot be ignored. Pollution permits are an important factor that must be considered in international procurement. Otherwise, the factory has hidden dangers and will be ordered to stop production, which will affect the delivery date. It can be seen that Finehope is a manufacturer with long-term cooperation and stable delivery.



Xiamen Specialized, Refining, Differentiate, Innovative SMEs

Finehope has been rated as "Xiamen Specialized, Refining, Differentiate, Innovative SMEs" since 20-20. "Specialized, Refining, Differentiate, Innovative" refers to SMEs with outstanding main business, strong professional capabilities, strong R&D and innovation capabilities, and development potential. Mainly concentrated in the new generation of information technology, high-end equipment manufacturing, new energy, new materials, biomedicine and other mid-to-high-end industries. Leading in the same industry in terms of market, quality, efficiency or development, with advanced and exemplary. Through this certificate, the government emphasizes and recognizes finehope's "specialization, special innovation" is to encourage innovation and achieve specialization, reform, and specialization. Finehope should continue to take "specialization, special innovation" as the direction, focus on their main business, practice hard work, strengthening innovation, and build the company into a "single champion" or "supporting expert" with unique skills.



FDA certification

Food and Drug Administration (FDA) established in 1906 is a government agency under the passage of the Federal Food and Drugs Act. The FDA Certification is mandatory for placing the products in the USA. This major responsibility of FDA is protecting and managing public health and related authorities by assuring the safety and security of human and biologically generated product. The FDA regulates products including biological products, medical services, cosmetics, prescription drugs and non-prescription drugs, veterinary drugs, tobacco and other radiation emitting products. Finehope has passed FDA certification every year since 2018. FDA approval means that the products produced by Finehope have obtained foreign government certificates (CFG) and can enter the global market smoothly.

Quality Assurance



UNIVERSAL TESTING MACHINE(UTM)



Tensile Test



Tear Resistance Test



Compressive Strength



Indentation Force Deflection

INSPECTION STANDARD

MATERIAL PERFORMANCE TEST REPORT

Finehope
Test Report No. 00201457201 Date: 20140723 Page 1/4
 Customer: CUSTOMER SERVICE DEPARTMENT

The following samples were submitted and identified by/on behalf of the client as:

Sample Description: UHMW and MHD (underdevelopment)
 Material No.: 1
 Other info.: 1
 Sample Processing Date: 20140724
 Working Process: 20140723

Test Method

- 001 ASTM D2014-2011 Test of Density, Test Agency
- 002 ASTM D2014-2011 Test of Density, Test Agency
- 003 ASTM D2014-2011 Test of Density, Test Agency
- 004 ASTM D2014-2011 Test of Density, Test Agency
- 005 ASTM D2014-2011 Test of Density, Test Agency
- 006 ASTM D2014-2011 Test of Density, Test Agency
- 007 ASTM D2014-2011 Test of Density, Test Agency
- 008 ASTM D2014-2011 Test of Density, Test Agency
- 009 ASTM D2014-2011 Test of Density, Test Agency
- 010 ASTM D2014-2011 Test of Density, Test Agency
- 011 ASTM D2014-2011 Test of Density, Test Agency
- 012 ASTM D2014-2011 Test of Density, Test Agency
- 013 ASTM D2014-2011 Test of Density, Test Agency
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- 098 ASTM D2014-2011 Test of Density, Test Agency
- 099 ASTM D2014-2011 Test of Density, Test Agency
- 100 ASTM D2014-2011 Test of Density, Test Agency

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Test Report No. 00201457201 Date: 20140723 Page 2/4
 Customer: CUSTOMER SERVICE DEPARTMENT

Test Result

No.	Test Item	Unit	Test Standard	Customer Requirement	Customer Sample (pass)	Customer Sample (fail)
1	Thickness	mm	ASTM D2014-2011	1.5	1.5	1.5
2	Hardness	HRB	ASTM D2014-2011	50	50	50
3	Impact	kJ/m ²	ASTM D2014-2011	10	10	10
4	Tensile	MPa	ASTM D2014-2011	10	10	10
5	Elongation	%	ASTM D2014-2011	10	10	10
6	Compression	MPa	ASTM D2014-2011	10	10	10
7	Flexural	MPa	ASTM D2014-2011	10	10	10
8	Modulus	GPa	ASTM D2014-2011	10	10	10
9	Heat Resistance	°C	ASTM D2014-2011	10	10	10
10	Chemical Resistance	%	ASTM D2014-2011	10	10	10
11	UV Resistance	h	ASTM D2014-2011	10	10	10
12	Wear Resistance	mm ³	ASTM D2014-2011	10	10	10
13	Surface Roughness	μm	ASTM D2014-2011	10	10	10
14	Dimensional Stability	%	ASTM D2014-2011	10	10	10
15	Electrical Resistance	Ω	ASTM D2014-2011	10	10	10
16	Thermal Conductivity	W/mK	ASTM D2014-2011	10	10	10
17	Thermal Expansion	μm/mK	ASTM D2014-2011	10	10	10
18	Thermal Shrinkage	%	ASTM D2014-2011	10	10	10
19	Thermal Stability	h	ASTM D2014-2011	10	10	10
20	Thermal Shock	h	ASTM D2014-2011	10	10	10
21	Thermal Fatigue	h	ASTM D2014-2011	10	10	10
22	Thermal Aging	h	ASTM D2014-2011	10	10	10
23	Thermal Oxidation	h	ASTM D2014-2011	10	10	10
24	Thermal Degradation	h	ASTM D2014-2011	10	10	10
25	Thermal Decomposition	h	ASTM D2014-2011	10	10	10
26	Thermal Cracking	h	ASTM D2014-2011	10	10	10
27	Thermal Spalling	h	ASTM D2014-2011	10	10	10
28	Thermal Erosion	h	ASTM D2014-2011	10	10	10
29	Thermal Abrasion	h	ASTM D2014-2011	10	10	10
30	Thermal Impact	h	ASTM D2014-2011	10	10	10
31	Thermal Shock	h	ASTM D2014-2011	10	10	10
32	Thermal Fatigue	h	ASTM D2014-2011	10	10	10
33	Thermal Aging	h	ASTM D2014-2011	10	10	10
34	Thermal Oxidation	h	ASTM D2014-2011	10	10	10
35	Thermal Degradation	h	ASTM D2014-2011	10	10	10
36	Thermal Decomposition	h	ASTM D2014-2011	10	10	10
37	Thermal Cracking	h	ASTM D2014-2011	10	10	10
38	Thermal Spalling	h	ASTM D2014-2011	10	10	10
39	Thermal Erosion	h	ASTM D2014-2011	10	10	10
40	Thermal Abrasion	h	ASTM D2014-2011	10	10	10
41	Thermal Impact	h	ASTM D2014-2011	10	10	10
42	Thermal Shock	h	ASTM D2014-2011	10	10	10
43	Thermal Fatigue	h	ASTM D2014-2011	10	10	10
44	Thermal Aging	h	ASTM D2014-2011	10	10	10
45	Thermal Oxidation	h	ASTM D2014-2011	10	10	10
46	Thermal Degradation	h	ASTM D2014-2011	10	10	10
47	Thermal Decomposition	h	ASTM D2014-2011	10	10	10
48	Thermal Cracking	h	ASTM D2014-2011	10	10	10
49	Thermal Spalling	h	ASTM D2014-2011	10	10	10
50	Thermal Erosion	h	ASTM D2014-2011	10	10	10
51	Thermal Abrasion	h	ASTM D2014-2011	10	10	10
52	Thermal Impact	h	ASTM D2014-2011	10	10	10
53	Thermal Shock	h	ASTM D2014-2011	10	10	10
54	Thermal Fatigue	h	ASTM D2014-2011	10	10	10
55	Thermal Aging	h	ASTM D2014-2011	10	10	10
56	Thermal Oxidation	h	ASTM D2014-2011	10	10	10
57	Thermal Degradation	h	ASTM D2014-2011	10	10	10
58	Thermal Decomposition	h	ASTM D2014-2011	10	10	10
59	Thermal Cracking	h	ASTM D2014-2011	10	10	10
60	Thermal Spalling	h	ASTM D2014-2011	10	10	10
61	Thermal Erosion	h	ASTM D2014-2011	10	10	10
62	Thermal Abrasion	h	ASTM D2014-2011	10	10	10
63	Thermal Impact	h	ASTM D2014-2011	10	10	10
64	Thermal Shock	h	ASTM D2014-2011	10	10	10
65	Thermal Fatigue	h	ASTM D2014-2011	10	10	10
66	Thermal Aging	h	ASTM D2014-2011	10	10	10
67	Thermal Oxidation	h	ASTM D2014-2011	10	10	10
68	Thermal Degradation	h	ASTM D2014-2011	10	10	10
69	Thermal Decomposition	h	ASTM D2014-2011	10	10	10
70	Thermal Cracking	h	ASTM D2014-2011	10	10	10
71	Thermal Spalling	h	ASTM D2014-2011	10	10	10
72	Thermal Erosion	h	ASTM D2014-2011	10	10	10
73	Thermal Abrasion	h	ASTM D2014-2011	10	10	10
74	Thermal Impact	h	ASTM D2014-2011	10	10	10
75	Thermal Shock	h	ASTM D2014-2011	10	10	10
76	Thermal Fatigue	h	ASTM D2014-2011	10	10	10
77	Thermal Aging	h	ASTM D2014-2011	10	10	10
78	Thermal Oxidation	h	ASTM D2014-2011	10	10	10
79	Thermal Degradation	h	ASTM D2014-2011	10	10	10
80	Thermal Decomposition	h	ASTM D2014-2011	10	10	10
81	Thermal Cracking	h	ASTM D2014-2011	10	10	10
82	Thermal Spalling	h	ASTM D2014-2011	10	10	10
83	Thermal Erosion	h	ASTM D2014-2011	10	10	10
84	Thermal Abrasion	h	ASTM D2014-2011	10	10	10
85	Thermal Impact	h	ASTM D2014-2011	10	10	10
86	Thermal Shock	h	ASTM D2014-2011	10	10	10
87	Thermal Fatigue	h	ASTM D2014-2011	10	10	10
88	Thermal Aging	h	ASTM D2014-2011	10	10	10
89	Thermal Oxidation	h	ASTM D2014-2011	10	10	10
90	Thermal Degradation	h	ASTM D2014-2011	10	10	10
91	Thermal Decomposition	h	ASTM D2014-2011	10	10	10
92	Thermal Cracking	h	ASTM D2014-2011	10	10	10
93	Thermal Spalling	h	ASTM D2014-2011	10	10	10
94	Thermal Erosion	h	ASTM D2014-2011	10	10	10
95	Thermal Abrasion	h	ASTM D2014-2011	10	10	10
96	Thermal Impact	h	ASTM D2014-2011	10	10	10
97	Thermal Shock	h	ASTM D2014-2011	10	10	10
98	Thermal Fatigue	h	ASTM D2014-2011	10	10	10
99	Thermal Aging	h	ASTM D2014-2011	10	10	10
100	Thermal Oxidation	h	ASTM D2014-2011	10	10	10

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 Customer: CUSTOMER SERVICE DEPARTMENT

Sketch Picture

1. In order to make the strength of two steel rods can be compared, set of the test specimen in the same thickness (about 5mm) and two rods in one side to do the tear strength test comparison.
 2. For the specific grade value in the above test result, it is the value of specimen with side in one side, and the actual value of the whole sample.

Customer	
Location	New Zealand
Customer Code	G1019
Risk Assessment	
New:	Site <input type="checkbox"/> Technology <input type="checkbox"/> Process <input type="checkbox"/>
Other Risks	<input type="checkbox"/>

Project	
Finehope Contact	Wendy Yang
Part No.	
Part Name	G1019Y04
Change Level/Date	
User Plant(s)	Finehope

Core Team Members	Company/Title	Phone/Fax/E-Mail
Tiger Xu	G.M.	
Yibin Lim	Vice G.M.	
Cindy Wu	Sales Manager	cindy@finehope.com
Liangquan Wan	Project Manager	
Wendy Yang	Sales	wendy@finehope.com

Build Level	Material Required Date	Quantity	No. Concurrent	
			SRCs	Majors
Product Design and Develop	21-Jun-21	10		
Product and Process Validat	25-Jun-21	15		

APQP Deliverable	Finehope APQP Reference Only	G Y R	Project Need Date	Supplier Timing Date	Actual Closure Date	Supplier Lead Resp Inits	Finehope Acceptance Complete	Remarks or Assistance Required
1. Project Timeline (Synchronized w/Production Time Plan)	2030	G	20-Jun-21	21-Jun-21	21-Jun-21	22-Jun-21	23-Jun-21	/
2. Customer Inputs / Requirements	2030	G	23-Jun-21	24-Jun-21	24-Jun-21	25-Jun-21	26-Jun-21	/
3. Warranty & Quality Mitigation Plan	2030	G	24-Jun-21	25-Jun-21	25-Jun-21	26-Jun-21	27-Jun-21	/
4. Customer Specific Requirements	2030	G	25-Jun-21	26-Jun-21	26-Jun-21	27-Jun-21	28-Jun-21	/
5. Design FMEA	2080	G	26-Jun-21	27-Jun-21	27-Jun-21	28-Jun-21	29-Jun-21	/
6. Preliminary Bill of Materials (BOM)	2030	G	27-Jun-21	28-Jun-21	28-Jun-21	29-Jun-21	30-Jun-21	/
7. Prototype Control Plans	2110	G	28-Jun-21	29-Jun-21	29-Jun-21	30-Jun-21	1-Jul-21	/
8. Prototype Builds	2110	G	29-Jun-21	30-Jun-21	30-Jun-21	1-Jul-21	2-Jul-21	/
9. Design Verification Plan & Report (DVP&R)	2120	G	30-Jun-21	1-Jul-21	1-Jul-21	2-Jul-21	3-Jul-21	/
10. Design / Process Review	2130	G	1-Jul-21	2-Jul-21	2-Jul-21	3-Jul-21	4-Jul-21	/
11. Team Feasibility Commitment	2130	G	2-Jul-21	3-Jul-21	3-Jul-21	4-Jul-21	5-Jul-21	/
12. APQP Status Sub-Supplier	2130	G	3-Jul-21	4-Jul-21	4-Jul-21	5-Jul-21	6-Jul-21	/
13. Production Drawing & Specifications	2220	G	4-Jul-21	5-Jul-21	5-Jul-21	6-Jul-21	7-Jul-21	/
14. Subcontractor Purchase Orders (Customer Tooling)	2220	G	5-Jul-21	6-Jul-21	6-Jul-21	7-Jul-21	8-Jul-21	/
15. Facilities, Equipment, Tools and Gages	2260	G	6-Jul-21	7-Jul-21	7-Jul-21	8-Jul-21	9-Jul-21	/
AIAG APQP Phase 3 - Process Design and Development								
16. Product/Process and Quality System Review	3030	G	9-Jul-21	10-Jul-21	10-Jul-21	10-Jul-21	11-Jul-21	/
17. Manufacturing Process Flow Chart	3040	G	11-Jul-21	12-Jul-21	12-Jul-21	12-Jul-21	13-Jul-21	/
18. Process FMEA	3100	G	13-Jul-21	14-Jul-21	14-Jul-21	14-Jul-21	15-Jul-21	/
19. Pre-Launch Control Plan	3110	G	15-Jul-21	16-Jul-21	16-Jul-21	16-Jul-21	17-Jul-21	/
20. Process Work Instructions	3120	G	17-Jul-21	18-Jul-21	18-Jul-21	18-Jul-21	19-Jul-21	/
21. Measurement Systems Evaluation	3130	G	19-Jul-21	20-Jul-21	20-Jul-21	20-Jul-21	21-Jul-21	/
22. Packaging Specifications & Approvals	3160	G	21-Jul-21	22-Jul-21	22-Jul-21	22-Jul-21	23-Jul-21	/
23. Manufacturing Team Training	3170	G	23-Jul-21	24-Jul-21	24-Jul-21	24-Jul-21	25-Jul-21	/
AIAG APQP Phase 4 - Product and Process Validation								
24. Subcontractor PPAP Approval	4005	G	9-Jul-21	10-Jul-21	10-Jul-21	10-Jul-21	11-Jul-21	/
25. Production Control Plan	4008	G	11-Jul-21	12-Jul-21	12-Jul-21	12-Jul-21	13-Jul-21	/
26. Production Readiness Review (PRR)	4009	G	13-Jul-21	14-Jul-21	14-Jul-21	14-Jul-21	15-Jul-21	/
27. Production Trial Run (PTR)	4010	G	15-Jul-21	16-Jul-21	16-Jul-21	16-Jul-21	17-Jul-21	/
28. Process Capability Studies	4030	G	17-Jul-21	18-Jul-21	18-Jul-21	18-Jul-21	19-Jul-21	/
29. Production Validation Plan & Report (PV&R)	4090	G	19-Jul-21	20-Jul-21	20-Jul-21	20-Jul-21	21-Jul-21	/
30. Production Part Approval (PPAP)	4110	G	21-Jul-21	22-Jul-21	22-Jul-21	22-Jul-21	23-Jul-21	/
AIAG APQP Phase 5 - Feedback, Assessment and Corrective Action								
31. Initial Production Shipment	5005	G	20-Jul-21	30-Jul-21	30-Jul-21	30-Jul-21	31-Jul-21	/
32. Production Ramp-up Plan	5005	G	31-Jul-21	2-Aug-21	2-Aug-21	2-Aug-21	3-Aug-21	/
33. Full Production Date	5005	G	5-Aug-21	7-Aug-21	7-Aug-21	7-Aug-21	8-Aug-21	/
34. Conduct Lessons Learned	5005	G	8-Aug-21	10-Aug-21	10-Aug-21	10-Aug-21	11-Aug-21	/

Design Failure Mode and Effects Analysis (Design FMEA)

FMEA No.:
DFMEA-001

Page: page 1, totally 3 pages
Made: Xiaodong Qiu

Product Name: Injection moulding

Procedure responsible dept: Production Dept

Model year/vehicle types: CRV

Soybean Milk Maker

Important date: Nov.10th,2015

FMEA Date: Nov.10th,2015

People participated: Develop dept:GaoLin Wei

Sales:Haiyan Wu

PC:Jiannan Yan

Technology Dept:Jianyu Zhou

Purchaser:Yuanyuan Gou

Production dept:Shuwen Dong

QC:Bingxiang Zheng

procedure function requirements	Potential failure mode	Potential effects analysis	severity (S)	grade	potential causes/mechanisms of failure	frequency (O)	Current prevention process control	Current detection process control	detection (D)	RPN	recommended measures	Responsibility and target completion date	action results				
													severity (S)	frequency (O)	difficult to check (D)	RPN	
scyphus	size changes of handle	handle cover fall off	6	A	PP size change	6	By adjusting the product of the injection molding process, and measure or test the clasp of product size	measure and test product size	3	108	Add the number of button bit in handle design, in order to keep the connection strength	Xiaodong Qiu 2015/08/25	By adjusting the product of the injection molding process, and measure or test product size	6	1	1	6
scyphus	warpage of scyphus handle	Poor appearance break	4	C	high handle wall	6	Add the stiffener to handle wall to prevent deformation	measure and test product size	2	48	if this problem appears, make improvement by Adding the stiffener	Xiaodong Qiu 2015/09/30	Add the stiffener to handle wall to prevent deformation	4	2	1	8
scyphus	Deformation of cup-mouth	Micro switch without power	8	A	PP material deformation, Resulting in a perpendicular direction to connect the cup and handle inward deformation, So that both sides of the 球, the micro switch column opposite sink., and	3	Adjust the injection molding process, to prevent extrusion	measure and test cup-mouth size	3	72	in the cup packing control the direction of the lateral dimension of no force, stipulate the way of packing	Xiaodong Qiu 2015/09/10	stipulate the cup use egg cell methods to put the packing which do not squeeze each other	8	1	3	24

H-R-P-001-1

Process Failure Mode and Effects Analysis (PFMEA)

潜在失效模式和后果分析

FMEA No.FMEA20150325-01

Page 3

Maint:Wenhong-Huang

FMEA Date (Original):2015.03.25

Item:Welding Improvement

Process Responsibilities: Production welding group

Model year/project

Key Dates

Item 项目	Potential failure mode 潜在失效模式	Potential consequences of failure modes 失效后果/模式潜在后果	Severity 严重度	Grade 等级	Potential causes of failure 失效的潜在原因	Occurrence degree 发生度	Current process control and prevention 现行过程控制/预防	Current process control detection 现行过程控制/检测	Detection rate 检测率	RPN	Suggest measures 建议措施	Responsibility and target completion date 负责人及目标完成日期	Measure results/测量结果			
													Measures and effective date 措施及有效日期	Severity 严重度	Incidence rate 发生率	Detection degree 可检测度
Request 项目	Clamping is not in place 夹具不在位	Welding error, leak, welding deviation, affect the assembly or use function 焊接错误、漏焊、焊接偏差, 影响装配或使用功能	6	B	● Staff negligence 人员疏忽 ● Failure for bad 夹具不在位	4	● Make the operation standard book 制定作业标准书 ● Make maintenance standards, regular maintenance 制定保养标准, 定期保养, 维护 ● Regular checking of fixture 夹具定期检查	● Visual inspection 目视检测 ● Finished 100% full inspection 完成100%全检	6	144	● Pre-service training of staff 岗前培训 ● Regular maintenance 定期维护 ● Regular maintenance 定期维护		6	3	4	72
Clamping (clamping required is in place, no missing or wrong loaded) 夹具不在位, 夹具缺失, 夹具装错	Clamping is not in place 夹具不在位	Welding error, leak, welding deviation, affect the assembly or use function 焊接错误、漏焊、焊接偏差, 影响装配或使用功能	8	A	● Staff negligence 人员疏忽 ● Failure for bad 夹具不在位 ● Failure inaccurate 夹具定位不准确	4	● Make the operation standard book 制定作业标准书 ● Make maintenance standards, regular maintenance 制定保养标准, 定期保养, 维护 ● Regular checking of fixture 夹具定期检查	Visual inspection 目视检测	6	192	● Pre-service training of staff 岗前培训 ● Regular maintenance 定期维护 ● Make inspection checklist for fixture 夹具检查清单		8	3	4	96
Attachments missing 附件缺失	Affect product strength or influence the assembly 影响产品强度或影响装配		8	A	Staff negligence 人员疏忽	3	Make the operation standard book 制定作业标准书	Visual inspection 目视检测	4	96	Final inspection personnel do 100% full inspection for each bead with man 每个工人100%全检, 双人		8	2	2	32
Attachment error 附件错误	Influence assembly 影响装配		7	A	No mistake proofing fixture 夹具防错	3	Make the operation standard book 制定作业标准书	Visual inspection 目视检测	6	126	● Increase the mistake proofing devices 增加防错装置 ● Inspection for final inspection tools 夹具最后检查		7	2	4	56
False welding 假焊	Lack of strength, affect the use of function 强度不足, 影响使用功能		9	A	Current, voltage, welding angle, speed setting is not reasonable 电流、电压、焊接角度、速度设置不合理	4	● Welding process guidance making 制定焊接工艺指导书 ● Condition confirmation check 加工条件确认书 ● Confirm the failure test on a regular basis 定期确认失效试验	Destructive testing 破坏性试验	8	288	After the procedure is set up to confirm the processing conditions, the execution and marking of the failure test is performed. 工序设置完成后确认		9	3	4	108

Production Device

KRAUSS MAFFEI

Finehope has successively introduced many of the world's most advanced German KraussMaffei high-pressure injection machines since 2010.



Reaction Injection Molding (RIM) High Pressure Machine KRAUSS MAFFEI Made in Germany!



Self-invented fully automatic production line

Finehope has independently developed a number of fully automatic P-U injection production lines since 2010. These production lines reduce production costs and meet customer delivery requirements.



Welding Robots



Since 2016, Finehope has continued to purchase welding robots and automatic fixture turntables for welding metal parts. The independent processing of accessories saves the waiting time and procurement cost of outsourcing processing.

CNC Machine

Finehope has continued to purchase CNC equipment since 2016. CNC (Computer Numerically Controlled) machining is a manufacturing process in which pre-programmed computer software dictates the movement of factory tools and machinery. Using this type of machine versus manual machining can result in improved accuracy, increased production speeds, enhanced safety, increased efficiency and most importantly, help customers save costs and improve product quality.



Mould Release Agent Painting Robot



Since 2019, Finehope has purchased robots for spraying water-based release agents to improve the working environment, improve spraying quality and material utilization, and reduce labor costs.

3D printer

Finehope started to purchase 3D printers in 2015. 3D printing can realize rapid proofing of new product prototypes and templates for resin molds, and can also be used for faster and cheaper small batch production.



Social Responsibility

- **Audited by Sedex**

(Supplier business ethics information exchange)

Labor standard · health and safety · Environmental protection · Business ethics practice

- **Public-spirited**



Voluntary tree planting after Super Typhoon Meranti in 2016

A VALUE-BASED COMPANY



CUSTOMER FIRST

TEAMWORK

EMBRACE CHANGES

PASSION

INTEGRITY

COMMITMENT

Produtos de espuma de poliurathano precisam, bem-vindo entre em contato conosco.

Amanda



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