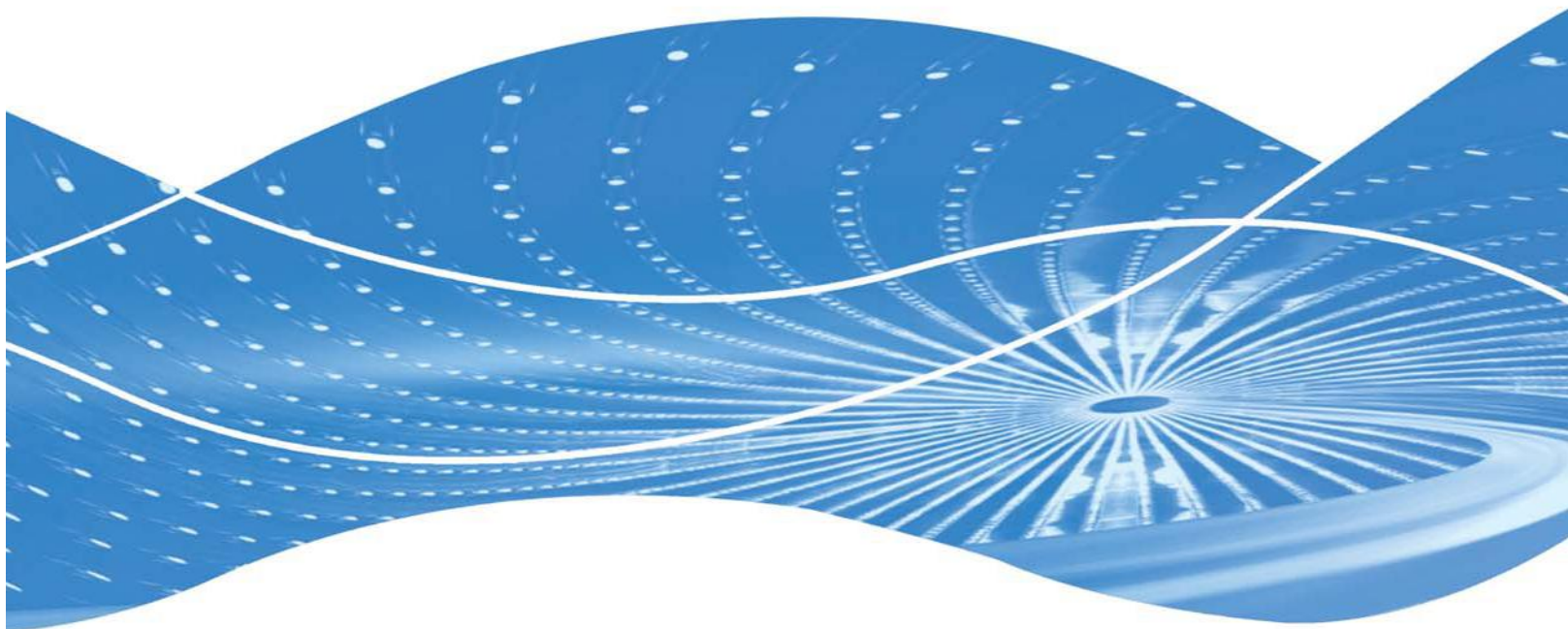




海瑞特
HAIRUITE



山东海瑞特新材料有限公司
SHANDONG HAIRUITE NEW MATERIALS CO., LTD.

高瞻远瞩 厚积薄发
做优质长青企业



企业简介》 CORPORATE INTRODUCES

山东海瑞特新材料有限公司成立于2009年，公司总部位于山东省会城市济南市莱芜区；经过多年的发展，现已有淄博、莱芜两个生产厂区，并在全国设有多个办事处。公司下设青岛海瑞特化工材料有限公司，负责公司销售以及进出口业务。

我公司主要从事PVC助剂丙烯酸酯类抗冲改性剂和加工助剂以及高性能发泡剂，钙锌稳定剂的研发、生产和销售。主导产品有：PVC加工助剂ACR树脂，PVC发泡调节剂，PVC抗冲改性剂AIM树脂，MBS树脂，AMB树脂，PVC发泡剂AC、NC，钙锌稳定剂等，所生产产品广泛应用于聚氯乙烯（PVC）门窗、管道、管件、装饰板、发泡板、片材等软硬质类产品的加工。

本着“客户的需求就是我们的追求”的企业宗旨，我们不断探索、潜心研究、开拓创新，以质量和诚信赢得市场。我公司研发的HRT系列产品畅销国内20多个省市自治区，并远销欧美、中东、东南亚，日韩等多个国家和地区。为了更好的服务于客户，在多处设立了办事处和技术服务站。

“诚信务实、客户至上、质量为本、科技为源”是我们的经营方针，我们引进尖端的科技力量、严格的质量核查检测机制、先进的管理理念，以稳定的产品质量、优良的产品性能、完善的售后服务，来服务客户，铸就双赢。

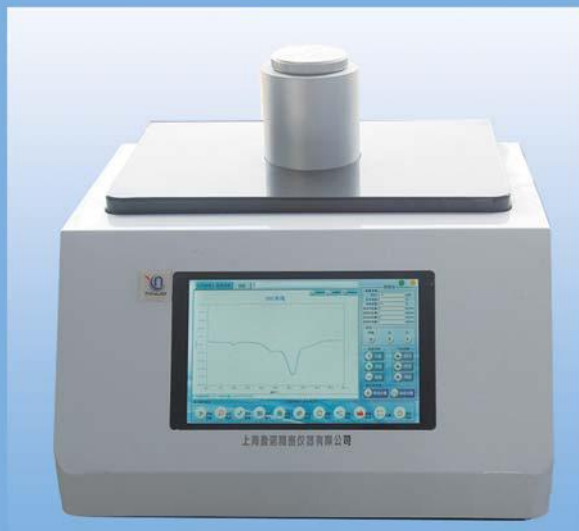
Shandong Hairuite New Materials Co., LTD was founded in 2009, the company is headquartered in Laiwu District, Jinan, capital city of Shandong Province. After many years of development, now the company has Zibo, Laiwu two production factories, and has multiple offices throughout the country. Qingdao Hailuite Chemical Materials Co., Ltd. is the subsidiary of the company, which is responsible for sales and import and export businesses.

Our company is mainly engaged in research, develop, manufacture and sale of PVC additives acrylic impact modifier, processing aid, high performance foaming agents and CA/ZN stabilizer. Leading products are: PVC processing aid ACR resin, PVC foaming regulator, PVC impact modifier AIM resin, MBS resin, AMB resin, PVC foaming agent AC, NC, CA/ZN stabilizer, etc. The products are widely used in polyvinyl chloride (PVC) production doors and windows, pipes, pipe fittings, decorative board, foam board, sheet and other rigid product processing.

In line with “customer’s demand is our pursuit” of enterprise purpose, we continuously explore, study, innovate, to win the market by quality and integrity. The HRT series acrylic modification agent researched and developed by our company, selling to more than 20 domestic provinces, cities and autonomous regions and exporting to Europe, United State, Middle east, Southeast Asia, Japan, South Korea and other countries. In order to better serve customers, we set up offices and technical service stations in many places.

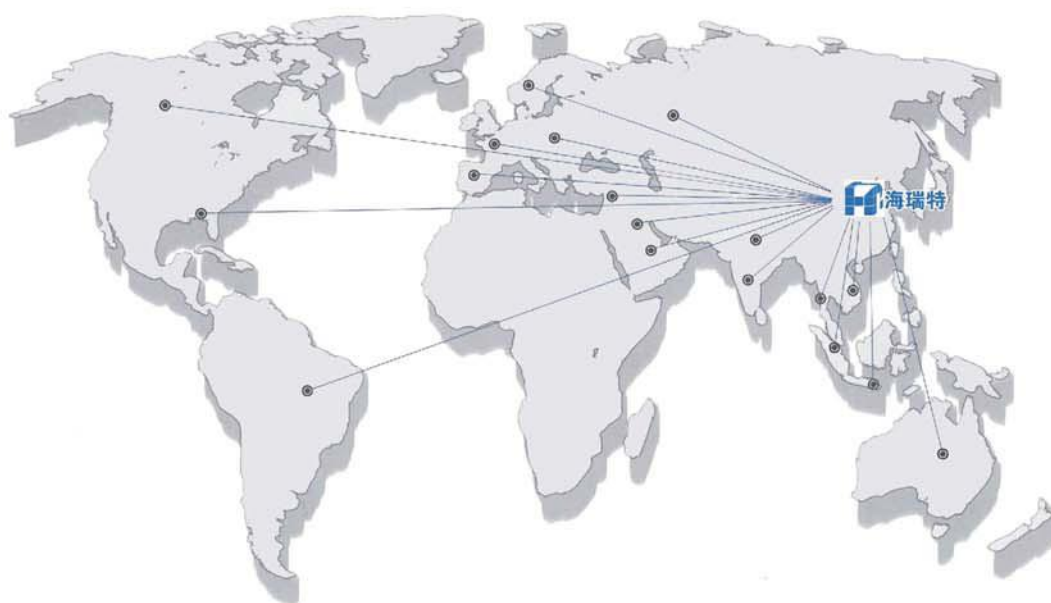
“Pragmatic integrity, customer first, quality oriented, science and technology as the source” is our business policy. We imported advanced technology, strict quality inspection mechanism and advanced management concept, with stable product quality, excellent product performance, perfect after-sales service, to serve the customer, costing a win-win situation.







营销网络》 MARKETING NETWORK



理念营销 完美服务

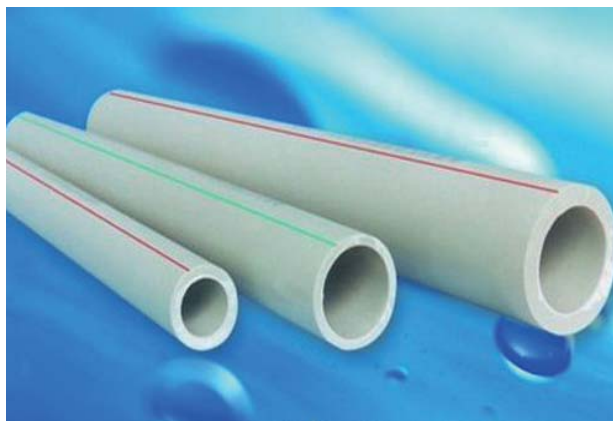


《产品目录》 PRODUCTS CATALOG

产品名称 PRODUCTS	型号 MODEL	用途 APPLICATION	备注 NOTE
管材类钙锌稳定剂 PVC PIPE CA/ZN STABILIZER	Ca/Zn-830	给排水管 Drain pipe	用途为主打用途，可用于其他 THE LISTED APPLICATION IS FOR MAIN USE, CAN BE USED FOR OTHERS
	Ca/Zn-830P	给排水管 Drain pipe	
	Ca/Zn-831	穿线管 Cable conduit	
型材类钙锌稳定剂 PVC PROFILE CA/ZN STABILIZER	Ca/Zn-850	通用 General	
	Ca/Zn-851	通用 General	
板材类钙锌稳定剂 PVC SHEET CA/ZN STABILIZER	Ca/Zn-180	地板 Floor	
	Ca/Zn-181	多功能 Multifunction	
	Ca/Zn-630	SPC	
	Ca/Zn-800	发泡板 Foam board	
	Ca/Zn-820	墙板、鞋材 Wall panel、shoe-pad	
	Ca/Zn-821	通用 General	
软质发泡材料钙锌稳定剂 LEAD BASED COMPLEX CA/ZN STABILIZER	Ca/Zn-820	墙板、鞋材 Wall panel、shoe-pad	
	Ca/Zn-821	通用 General	
	Ca/Zn-803	鞋材、地垫 shoe-pad、Mat	
电缆料钙锌稳定剂 CABLE MATERIALS CA/ZN STABILIZER	Ca/Zn-806	电缆料 Cable materials	
	Ca/Zn-816	电缆料 Cable materials	
铅盐复合稳定剂 LEAD BASED COMPOUND STABILIZER	700	发泡板 Foam board	
	701	木塑、墙板 WPC、wall panel	
	703	管材、型材 Pipe、profile	
	708B	地垫、鞋材 Mat、shoe-pad	
	803	地垫 Mat	

管材类钙锌稳定剂

PVC PIPE CA/ZN STABILIZER



型号 MODEL	产品特性 PROPERTIES
Ca/Zn-830 Ca/Zn-831	多种辅助稳定剂和内外润滑剂复合而成，无毒、无重金属绿色环保，具卓越的热稳定性能，良好的润滑性、加工性、分散性及耐候性，具有一定的增韧性，与PVC相容性好，对碳酸钙等无机填料具有良好的偶联性，制品表面光洁度良好。 It is made by many auxiliary stabilizer and internal and external lubricants. It is Non-toxic no heavy metal and green environmental protection, and excellent thermal stability, good lubricity, processing, dispersity and weather resistance, a certain degree of toughness and good compatibility with PVC. With calcium carbonate and other inorganic fillers have a good coupling. It can make product surface finish good.

型号 ITEM	塑化时间 FUSION TIME	最高扭矩 MAXIMUM TORQUE	最低扭矩 MINIMUM TORQUE	终点扭矩 THE END OF THE TORQUE
Ca/Zn-830	1: 28	33.9	10.7	22.2
Ca/Zn-831	2: 33	25.6	7.1	20.7

检验配方：稳定剂：轻钙：PVCSG-5=2:25:50，110℃ 热混料，82g

仪器：哈普流变仪 RM-200A

Test Formulation:stabilizer:light Ca:PVCSG-5=2:25:50,110℃ hot mixed material, 82g

Machine:Hapro rheometer RM-200A

型材类钙锌稳定剂

PVC PROFILE CA/ZN STABILIZER



型号 MODEL	产品特性 PROPERTIES
Ca/Zn-850	绿色无毒环保，优异的高耐热性，抑制着色能力强，良好的耐候性，大大提高制品的焊接性能与抗冲击性能，物理加工性能好，具有优秀的耐析出，防“锌烧”性能，与 PVC 相容性好，添加份量少，挥发少，迁移性小等优质特点。
Ca/Zn-851	It has many high quality characteristics, such like green, non-toxic and environmental protection, excellent high heat resistance, strong stain inhibition ability, good weather resistance, greatly improving the product's welding performance and impact resistance, good physical processing performance, excellent precipitation resistance, anti-zinc burning performance, good compatibility with PVC, less added amount, less volatilization, small mobility and others.

型号 ITEM	塑化时间 FUSION TIME	最高扭矩 MAXIMUM TORQUE	最低扭矩 MINIMUM TORQUE	平衡扭矩 BALANCE TORQUE
Ca/Zn-850	2: 03	29.5	8.8	21.6
Ca/Zn-851	2: 41	247	8.3	20.8

检验配方：稳定剂：轻钙：PVCSG-5=2:25:50,110℃ 热混料，82g

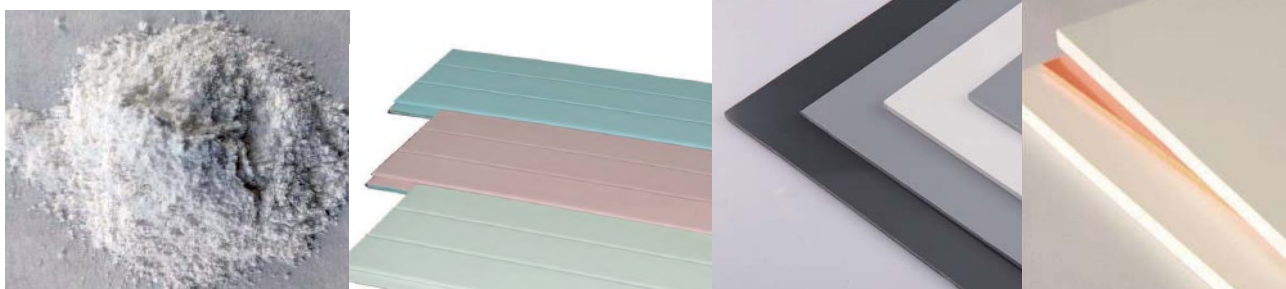
仪器：哈普流变仪 RM-200A

Test Formulation:stabilizer:ight Ca:PVCSG-5=2:25:50,110℃ hot mixed material, 82g

Machine:Hapro rheometer RM-200A

板材类钙锌稳定剂

PVC SHEETS CA/ZN STABILIZER



型号 MODEL	产品特性 PROPERTIES
Ca/Zn-180 Ca/Zn-181 Ca/Zn-630 Ca/Zn-800 Ca/Zn-820 Ca/Zn-821	适用于木塑、地板、墙板、人造革、地垫、鞋材等产品，通用性高，热稳定性好，无毒绿色环保，优异的加工性能，较宽的加工范围，优秀的初期着色能力，良好的润滑性和分散性，用量少，产量高，具有高性价比。 Suitable for WPC, flooring, wallboard, artificial leather, floor mat, shoe material and other products. high versatility, good thermal stability, non-toxic green environmental protection, excellent processing performance, wide processing range, excellent initial coloring ability, good lubricity and dispersity, less consumption, high yield, high cost performance.

型号 ITEM	塑化时间 FUSION TIME	最大扭矩 MAXIMUM TORQUE	最低扭矩 MINIMUM TORQUE	终点扭矩 THE END OF THE TORQUE
Ca/Zn-180	2 : 04	33.8	6.6	24.0
Ca/Zn-181	1 : 43	35.0	10.0	31.7
Ca/Zn-630	2 : 40	29.2	6.4	22.3
Ca/Zn-800	1 : 17	37.3	14.1	22.4
Ca/Zn-820	1 : 39	29.6	11.7	21.3
Ca/Zn-821	1 : 47	28.7	9.8	20.9

检验配方：稳定剂：轻钙：PVC SG-5=2:25:50, 110℃ 热混料，82g

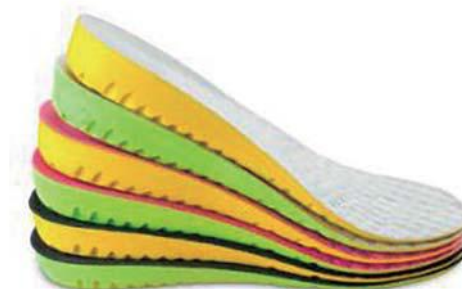
仪器：哈普流变仪 RM-200A

Test Formulation: stabilizer: light Ca: PVC SG-5=2:25:50, 110℃ hot mixed material, 82g

Machine: Hapro rheometer RM-200A

软质发泡材料钙锌稳定剂

LEAD BASED COMPLEX CA/ZN STABILIZER



型号 MODEL	产品特性 PROPERTIES
Ca/Zn-803 Ca/Zn-820 Ca/Zn-821	绿色无毒环保，具有优秀的加工颜色稳定性，能有效提高熔体强度，使泡孔均匀稳定，优秀的热稳定性和加工稳定性。 It is Non-toxic and green environmental protection, with excellent processing color stability, can effectively improve the melt strength, make the cell uniform and stable, excellent thermal stability and processing stability.

型号 ITEM	塑化时间 FUSION TIME	最高扭矩 MAXIMUM TORQUE	最低扭矩 MINIMUM TORQUE	终点扭矩 THE END OF THE TORQUE
Ca/Zn-803	1: 45	32.5	8.3	22.4
Ca/Zn-820	1: 39	29.6	11.7	21.3
Ca/Zn-821	1: 47	28.7	9.8	20.9

检验配方：稳定剂：轻钙：PVCSG-5=2:25:50,110℃ 热混料，82g

仪器：哈普流变仪 RM-200A

Test Formulation: stabilizer: light Ca: PVCSG-5=2:25:50,110℃ hot mixed material, 82g

Machine: Hapro rheometer RM-200A

电缆料钙锌稳定剂

CABLE MATERIALS CA/ZN STABILIZER



型号 MODEL	产品特性 PROPERTIES
Ca/Zn-806 Ca/Zn-816	绿色无毒环保，能有效提高熔体强度，优秀的热稳定性和长期加工稳定性。具有优秀的耐候性、绝缘性，加工产品适应多种环境条件。 It is Non-toxic and green environmental protection, can effectively improve the melt strength, it has excellent thermal stability and long-term processing stability. It has excellent weather resistance, processing products can adapt to various environmental conditions.

型号 ITEM	塑化时间 FUSION TIME	最大扭矩 MAXIMUM TORQUE	最低扭矩 MINIMUM TORQUE	终点扭矩 THE END OF THE TORQUE
Ca/Zn-806	1: 38	31.9	10.2	22.2
Ca/Zn-816	2: 23	26.5	8.1	20.9

检验配方：稳定剂：轻钙：PVC SG-5=2:25:50, 110℃ 热混料，82g

仪器：哈普流变仪 RM-200A

Test Formulation: stabilizer : light Ca : PVC SG-5=2:25:50, 110℃ hot mixed material , 82g

Machine : Hapro rheometer RM-200A

铅盐复合稳定剂 LEAD BASED COMPOUND STABILIZER



型号 MODEL	产品特性 PROPERTIES
700	卓越的热稳定性，具有络合能力，可以取代不稳定氯原子，金属含量高，吸收 HCl 能力强。优良的电绝缘性，耐光性优良，有良好的润滑性，能赋予型材良好的光稳定性和室外热氧稳定性，及表面光洁性。与 TiO₂ 并用可减少紫外线吸收剂和抗氧剂用量。良好的加工性适合各种加工工艺。 Excellent thermal stability, complex ability, can replace unstable chlorine atom, high metal content, HCl absorption ability. Excellent electrical insulation, good light resistance, good lubricity, can give the profile good light stability and outdoor thermal oxygen stability, and surface smoothness. Using with TiO₂ together can reduce the amount of ultraviolet absorbent and antioxidant. Good workability is suitable for all kinds of processing technology.
701	
703	
803	
708B	

型号 ITEM	塑化时间 FUSION TIME	最大扭矩 MAXIMUM TORQUE	最低扭矩 MINIMUM TORQUE	终点扭矩 THE END OF THE TORQUE
700	2 : 15	25.1	8.5	21.2
701	1 : 28	29.8	13.1	21.9
703	2 : 37	28.1	5.9	21.8
803	1 : 47	32.9	8.2	22.4
708B	3 : 15	26.0	4.5	20.8

检验配方：稳定剂：轻钙：PVCSG-5=2:25:50,110℃ 热混料，82g
仪器：哈普流变仪 RM-200A

Test Formulation: stabilizer: light Ca: PVCSG-5=2:25:50, 110℃ hot mixed material, 82g
Machine: Hapro rheometer RM-200A

包装、储运》

PACKAGE、TRANSPORTATION AND STORAGE

海瑞特产品包装

- 1、25KG 编织袋
- 2、25KG 纸袋
- 3、25KG 纸桶
- 4、吨包

根据客户需要可定制特殊包装规格

注意事项

储存: 要求干燥通风, 库房温度不超过 50℃, 禁止明火。
与酸、碱、氧化剂等化学品分开存放。

运输: 禁止与酸、碱、氧化物混运, 禁止接触明火或热源, 避免高温运输, 防止日光曝晒。

加工: 加工场所加强通风, 防止粉尘危害, 避免在加工场所堆放大量产品。

具体参见 (化学品安全说明书)



PACKAGES

- 1.25KG/Woven bag
- 2.25KG/ Paper bag
- 3.25KG/Paper drum
- 4.Ton

Special packing can be customized



Attentions:

Storage: Dry and ventilated, warehouse temperature not exceeding 50 °C , no fire. Store separately from oxidants, acids, bases and other chemicals.

Transportation: Forbid mixing transportation with acid, alkali and oxide, Forbid contact with fire or heat sources, avoid high temperature transportation and prevent sunlight exposure.

Processing: Enhance ventilation in processing places to prevent dust hazards. Avoid stacking large quantities in processing places.

Specific Reference MSDS



优质 高效 绿色 环保

HIGG QUALITY & EFFICIENCY ENVIRONMENT FRIENDLY

系统解决方案

作为塑料加工助剂的生产供应商，公司在做好产品的同时，还可为塑料制品企业提供系统的解决方案。公司建立了一支专业知识深厚、实践经验丰富、反应快速的技术服务专业团队。公司始终以满足客户需求、保证客户利益为宗旨，提供保质保量、性价比高的产品，提供产品调试服务、塑料助剂专项定制服务和塑料制品的检测分析。会同客户及时解决生产过程中出现的工艺技术难题，帮助客户提高产品品质，降低生产成本，创造企业效益。公司还将不断提供最新的原材料行情及相关信息，努力同客户保持紧密协作、相互依存、共同发展的合作伙伴关系。

SYSTEM SOLUTIONS

AS A SUPPLIER OF PLASTIC PROCESSING ADDITIVES, WE PROVIDE SYSTEMATIC SOLUTIONS FOR PLASTIC PRODUCTS ENTERPRISES WHILE MAKING GOOD PRODUCTS. WE HAVE ESTABLISHED A PROFESSIONAL TEAM OF TECHNICAL SERVICES WITH PROFOUND PROFESSIONAL KNOWLEDGE, RICH PRACTICAL EXPERIENCE AND QUICK RESPONSE. WE ALWAYS SATISFIES THE CUSTOMER'S NEEDS, GUARANTEES THE CUSTOMER'S INTERESTS, PROVIDES QUALIFIED AND COST-EFFECTIVE PRODUCTS. WE ALSO PROVIDE DEBUGGING SERVICES, SPECIAL CUSTOMIZATION SERVICE OF PLASTIC ADDITIVES AND INSPECTION AND ANALYSIS OF PLASTIC PRODUCTS. COOPERATE WITH CUSTOMERS TO SOLVE TECHNICAL PROBLEMS IN PRODUCTION PROCESS IN TIME, HELP CUSTOMERS IMPROVE PRODUCT QUALITY, REDUCE PRODUCTION COSTS AND CREATE ENTERPRISE BENEFITS. WE WILL CONTINUE TO PROVIDE THE LATEST RAW MATERIALS MARKET AND RELATED INFORMATION, AND STRIVE TO MAINTAIN CLOSE COLLABORATION WITH CUSTOMERS, INTERDEPENDENCE AND COMMON DEVELOPMENT OF PARTNERSHIP.





山东海瑞特新材料有限公司

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