

芜湖凯锦华新材料科技有限公司

WUHU KAIJINHUA NEW MATERIAL TECHNOLOGY CO., LTD

SPECIALIZING IN THERMOPLASTIC ELASTOMER RESEARCH AND
DEVELOPMENT, PRODUCTION AND SALES, IS AN INNOVATIVE
TECHNOLOGY ENTERPRISES

芜湖凯锦华新材料科技有限公司

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公司介绍 COMPANY INTRODUCTION

芜湖凯锦华新材料科技有限公司(原无锡凯锦华塑业有限公司) 2022年2月份从无锡搬迁至芜湖湾沚区新芜经济开发区, 专业致力于热塑性弹性体的研发、生产和销售, 是一家创新型的科技企业。公司产品广泛应用于家居产品、日用品、电子电器、儿童玩具、食品和化妆品包装、运动器材、文具用品、工具手柄、汽车和医疗用品等领域。

目前, 我司生产的热塑性弹性体产品获得欧盟认可的REACH、RoHS、PAHs、Phthalates等认证, 产品出口十几个国家。为客户量身定制适合的热塑性弹性体产品, 为客户提供完整的解决方案。

Wuhu Kaijinhua New Material Technology Co., Ltd (previously known as Wuxi Kaijinhua Plastic Industry Co., Ltd) is a scientific enterprise specialized in developing, producing and selling thermoplastic elastomer. On February of 2022, we moved from Wuxi city to Wuhu city Wanzhi District Xinwu economic develop zone. Our company products are widely used in household products, daily necessities, electronic appliances, children's toys, food and cosmetic packaging, sports equipment, stationery, tool handles, automotive and medical supplies and other fields.

Now, the thermoplastic elastomer produced by our company obtained the EU-approved REACH, RoHS, PAHs and PHthalates certificate, and the products are exported to more than a dozen countries. Our company is committed to tailoring suitable thermoplastic elastomer products for customers and providing customers with complete solutions.



公司经营范围 BUSINESS SCOPE OF THE COMPANY

芜湖凯锦华新材料科技有限公司是一家专业研发、生产和销售热塑性弹性体 (TPV/TPO/TPE/TPR)的高新技术企业。公司采用先进的造粒设备和自动称重输送系统, 配备齐全的实验室检测仪器。我司生产的热塑性弹性体 (TPV/TPO/TPE/TPR)材料主要应用于:

- 汽车配件: 玻璃导槽、水切密封条、防尘罩、内饰所需的软质材料等
- 建筑密封: 门窗密封条, 密封圈等
- 卫浴水暖等: 花洒喷头等
- 电线电缆: 数据线等
- 地毯背胶: 地垫, 门垫, 浴室垫等

公司位于芜湖市湾沚区新芜经济开发区, 占地30亩。年产量可达5万吨, 是安徽地区第一个万吨级以上专业的热塑性弹性体 (TPV/TPO/TPE/TPR)生产的高新科技企业。

Wuhu Kaijinhua New Material Technology Co., Ltd. is a high-tech enterprise specializing in R&D, production and sales of thermoplastic elastomers (TPV/TPO/TPE/TPR). The company adopts advanced granulation equipment and automatic weighing and conveying system, and is equipped with complete laboratory testing instruments. The thermoplastic elastomer (TPV/TPO/TPE/TPR) materials produced by our company are mainly used in:

- Auto parts: glass run channels, water-cut sealing strips, dust covers, soft materials for interior decoration, etc.
- Building sealing: door and window sealing strips, sealing rings, etc.
- Bathroom plumbing: shower head, etc.
- Wire and cable: data cable, etc.
- Carpet back coating: floor mats, door mats, bathroom mats, etc.

The company is located in Xinwu Economic Development Zone, Wanzhi District, Wuhu City, covering an area of 30 acres. With an annual output of up to 50,000 tons, it is the first high-tech enterprise in Anhui to produce professional thermoplastic elastomers (TPV/TPO/TPE/TPR) above the 10,000-ton level.



产品介绍—K100系列

PRODUCT INTRODUCTION—K100 SERIES

K100系列为非饱和型TPE材料，可根据客户要求设计成本色、半透明和透明产品。适用于注塑和挤出工艺，广泛应用于玩具车胎、公仔玩具、鞋材、橡皮以及PP/ABS增韧等。

K100 series products are non-saturated TPE materials, and can be designed with natural color, translucent and transparent products according to customer requirements. Suitable for injection molding and extrusion processes, widely used in toy tires, doll toys, shoe materials, rubber and PP/ABS toughening, etc.



优点 Advantage

1. 高流动性 High liquidity
2. 高表面光泽性 High surface gloss
3. 极高的性价比 High cost performance

应用 Application

玩具轮胎，公仔玩具，自行车握把，花洒面板，一次性剃须刀等。
Toy tires, doll toys, bicycle grips, shower panels, disposable razors, etc.

物性表 TDS

测试项目 Test term	测试方法 Test method	单位 Unit	测试值 Data			
			K100-40A	K101-60A	K102-60A	K103-80A
硬度 Hardness	ASTMD-2240	Shore A/D/O	Shore A 40	Shore A 60	Shore A60	Shore D80
比重 Specific Gravity	ASTMD-792	g/cm ³	0.9	0.98	1.05	1.15
拉伸强度 Tensile Strength	ASTMD-412	Kgf/cm ²	35	55	59	186
断裂伸长率 Break Elongation	ASTMD-412	%	830	490	420	55
撕裂强度 Tear Strength	ASTMD-1004-07	Kgf/cm ²	21	37	38	135
黄变等级 UV-B resistance	—	—	四	四	四	四
外观 Appearance	—	—	透明、光面 Transparent, Glossy	本色、光面 Natural, Glossy	本色、光面 Natural, Glossy	本色、半雾 Natural, semi- foggy

化学安全

Chemical Safety

REACHSVHC, RoHS, PAHs, Halogen

- ✓ 建议加工温度：145-180°C (勿超 200°C)
Suggested processing temperature: 145-180°C(not higher than 200°C).
- ✓ 上述物性参数只作为芜湖凯锦华新材料科技有限公司内部的管控参考数据，并不作为产品的规范
The above physical parameters are only used as reference data for internal control of Wuhu Kaijinhua New Material Technology Co., Ltd., not as product specifications.

应用 Application

- K100-40A 典型应用：牙胶、透明公仔 gutta-percha, transparent doll.
- K101-60A 典型应用：一般耐候性配件，可与PP二次包胶 general weather-resistant accessories, can be over-molded with PP.
- K102-60A 典型应用：ABS/PC/PS二次包胶 ABS/PC/PS overmolding.
- K103-80A 典型应用：鞋材及配件 shoe sole and accessories.

产品介绍—K200系列

PRODUCT INTRODUCTION—K200 SERIES

K200系列是以SEBS为基材饱和型TPE，具有良好的耐候性和加工性，可应用于PP、PE以及ABS、PA等的二次包胶，并广泛应用于电子电器、运动用品、厨房用品、婴儿产品、文具、饰品、鞋材等领域。

K200 series is a saturated TPE based on SEBS, which has good weather resistance and processability. It can be used in overmolding with PP, PE, ABS, PA, etc., and is widely used in electronic appliances, sports goods, kitchen supplies, baby products, stationery, accessories, shoe materials and other fields.

优点 Advantage

1. 优异的抗老化性能
Excellent anti-aging properties
2. 良好的回弹性
Good resilience
3. 极佳的触感
Excellent touch
4. 优异的耐刮擦性能
Excellent scratch resistance

典型应用 Application

透明的游泳镜、潜水镜框、潜水脚蹼、潜水呼吸管、高耐刮手柄、脚轮、五金工具、运动水壶、水果篮、安全护具等。
Transparent swimming goggles, diving frames, diving fins, diving snorkels, highly scratch-resistant handles, casters, hardware tools, sports bottles, fruit baskets, safety gear, etc.



物性表 TDS — K200系列

测试项目 Test term	测试方法 Test method	单位 Unit	测试值 Data			
			K200-40T	K200-30A	K200-35A	K200-75A
硬度 Hardness	ASTMD-2240	Shore A/D/O	Shore O 25	Shore A 30	Shore A 35	Shore D75
比重 Specific Gravity	ASTMD-792	g/cm ³	0.88	0.9	0.89	0.9
拉伸强度 Tensile Strength	ASTMD-412	Kgf/cm ²	7	25	50	72
断裂伸长率 Break Elongation	ASTMD-412	%	900	700	750	400
撕裂强度 Tear Strength	ASTMD-1004-07	Kgf/cm ²	5	19	19	46
黄变等级 UV-B resistance	—	—	四	四	四	四
外观 Appearance	—	—	透明 Transparent	透明 Transparent	半透明 Translucent	半透明 Translucent
化学安全 Chemical Safety	REACHSVHC, RoHS, PAHs, Halogen					
✓ 建议加工温度: 145-180°C (勿超 230°C) Suggested processing temperature: 145-180°C(not higher than 230°C). ✓ 上述物性参数只作为芜湖凯锦华新材料科技有限公司内部的管控参考数据, 并不作为产品的规范 The above physical parameters are only used as reference data for internal control of Wuhu Kaijinhua New Material Technology Co., Ltd., not as product specifications.						

应用 Application:

- K200-04T典型应用: 成人用品, 超软玩具 Adult Products, Super Soft Toys
- K200-30A 典型应用: 用于PP/PC/ABS/SAN二次包胶 Used for over molding with PP/PC/ABS/SAN
- K200-35A 典型应用: 文具、运动器材 Stationery, sports equipment
- K200-75A 典型应用: 皮带、饰品 Belts, accessories

产品介绍—K211系列 PRODUCT INTRODUCTION—K211 SERIES

K211系列是针对线缆、密封条、异型材等挤出管材设计, 广泛应用于线材、冰箱或门窗密封条、以及运动器材拉力管或拉力带等产品。

K211 series is designed for extruded products such as cables, sealing strips, and profiles, and is widely used in wire rods, refrigerators or door/window sealing strips, and sports equipment tension tubes or tension belts.

优点 Advantage

1. 优异的耐候性
2. 良好的耐磨性
3. 良好的回弹性
4. 舒适的手感

典型应用 Application

拉力片、拉力管、建筑密封条、汽车雨刮器沿条、汽车密封条等。



物性表 TDS — K211系列

测试项目 Test term	测试方法 Test method	单位 Unit	测试值 Data			
			K211-T-30A	K211-40A	K211-60A	K211-75A
硬度 Hardness	ASTMD-2240	Shore A/D/O	Shore A 30	Shore A 40	Shore A 60	Shore A 75
比重 Specific Gravity	ASTMD-792	g/cm ³	0.9	1.0	1.0	1.0
拉伸强度 Tensile Strength	ASTMD-412	Kgf/cm ²	30	35	58	70
断裂伸长率 Break Elongation	ASTMD-412	%	900	900	600	600
撕裂强度 Tear Strength	ASTMD-1004-07	Kgf/cm ²	25	27	35	40
黄变等级 UV-B resistance	—	—	四	四	四	四
外观 Appearance	—	—	半透明 Translucent	本色 Nature	本色 Nature	本色 Nature
化学安全 Chemical Safety	REACHSVHC, RoHS, PAHs, Halogen					
✓ 建议加工温度: 145-180°C (勿超 230°C) Suggested processing temperature: 145-180°C(not higher than 230°C). ✓ 上述物性参数只作为芜湖凯锦华新材料科技有限公司内部的管控参考数据, 并不作为产品的规范 The above physical parameters are only used as reference data for internal control of Wuhu Kaijinhua New Material Technology Co., Ltd., not as product specifications.						

产品介绍—K300系列

PRODUCT INTRODUCTION—K300 SERIES

K300系列为低烟无卤防火级，硬度50A-100A，雾面效果，良好的电器绝缘性能、舒适的手感，适用于各类线材。

K300 series is low smoke halogen free fire grade, hardness 50A-100A, matte effect, good electrical insulation performance, comfortable hand feel, suitable for all kinds of wires.

优点 Advantage

1. 阻燃性能优异
Excellent flame retardant performance
2. 环保无毒
Environmentally friendly and non-toxic
3. 不水解不析出
No hydrolysis and no precipitation

应用 Application

USB数据线、耳机线、电线插头、音频视频线等。
USB data cable, headphone cable, wire plug, audio and video cable, etc.



物性表 TDS

测试项目 Test term	测试方法 Test method	单位 Unit	测试值 Data			
			K300-75A	K300-65A	K300-50A	K300-40A
硬度 Hardness	ASTMD-2240	Shore A/D/O	Shore A 75	Shore A 65	Shore A50	Shore A40
比重 Specific Gravity	ASTMD-792	g/cm ³	1.15	1.15	1.15	1.15
拉伸强度 Tensile Strength	ASTMD-412	Kgf/cm ²	62	58	47	30
断裂伸长率 Break Elongation	ASTMD-412	%	300	280	400	350
撕裂强度 Tear Strength	ASTMD-1004-07	Kgf/cm ²	35	29	29	25
黄变等级 UV-B resistance	—	—	四	四	四	四
外观 Appearance	—	—	本色 Nature	本色 Nature	本色 Nature	本色 Nature

化学安全 Chemical Safety	REACHSVHC, RoHS, PAHs, Halogen
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- ✓ 建议加工温度：145-180°C (勿超 200°C)
Suggested processing temperature: 145-180°C(not higher than 200°C).
- ✓ 上述物性参数只作为芜湖凯锦华新材料科技有限公司内部的管控参考数据，并不作为产品的规范
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应用 Application

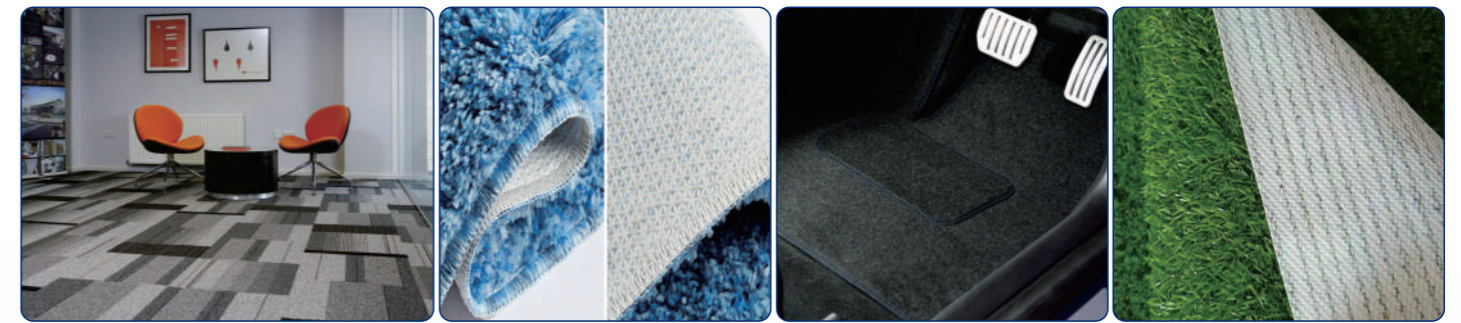
- K300-75A/K300-65A典型应用：挤出阻燃线材，密封条
Extruded flame retardant wire, sealing strip.
- K300-50A/K300-40A典型应用：单独注塑成型，或二次注塑成型阻燃制品
Individual injection molding, or secondary injection molding flame retardant products.

产品介绍—KJH 系列

PRODUCT INTRODUCTION—KJH SERIES

KJH系列，为SEBS基材共混物，专用于压延、流延织物内外背胶和薄膜成型：该系列产品为环保材料，与织物的粘结性好，手感好，胶面耐刮、耐候、耐溶剂性好，广泛应用于各种地毯、箱包、服装、皮革产品的内外背胶以及TPE薄膜等。

KJH series is TPE based copolymer, specially used in calender, casting fabric back coating or film production. This series of products are eco-friendly materials, with good adhesion to fabrics, good hand touch, good scratch resistance, weather resistance and solvent resistance on the rubber surface, and are widely used in various carpets, luggage, clothing, and leather products etc.



优点 Advantage

1. 良好的止滑性 slip-resistant
2. 高流动性 good fluidity
3. 高性价比 cost-effective
4. 与织物粘结效果好 good bonding with fabric

典型应用 Application

家纺地毯，汽车毯，各种箱包，TPE牛津布以及TPE薄膜等。
Home furnishing carpet, carmat, all kinds of luggage bag or case, TPE Oxford cloth and TPE film etc.

物性表 TDS

测试项目 Test term	测试方法 Test method	单位 Unit	测试值 Data			
			KJH-2-45A	KJH-T-60A	KJH-2-55A	KJH-2-75A
硬度 Hardness	ASTMD-2240	Shore A/D/O	Shore A 45	Shore A 60	Shore A55	Shore A75
比重 Specific Gravity	ASTMD-792	g/cm ³	1.35	0.93	1.35	1.35
拉伸强度 Tensile Strength	ASTMD-412	Kgf/cm ²	22	29	19	30
断裂伸长率 Break Elongation	ASTMD-412	%	230	350	200	150
撕裂强度 Tear Strength	ASTMD-1004-07	Kgf/cm ²	19	19	13	26

测试项目 Test term	测试方法 Test method	单位 Unit	测试值 Data			
			K300-75A	K300-65A	K300-50A	K300-40A
黄变等级 UV-B resistance	—	—	四	四	四	四
外观 Appearance	—	—	黑色, 本色 Black, nature	透明 Transparent	黑色, 咖啡色, 本色 Black, coffee, nature	咖啡色, 黑色 Coffee, black
化学安全 Chemical Safety	REACHSVHC, RoHS, PAHs, Halogen					
✓ 建议加工温度: 145-180°C (勿超 200°C) Suggested processing temperature: 145-180°C(not higher than 200°C). ✓ 上述物性参数只作为芜湖凯锦华新材料科技有限公司内部的管控参考数据, 并不作为产品的规范 The above physical parameters are only used as reference data for internal control of Wuhu Kaijinhua New Material Technology Co., Ltd., not as product specifications.						

产品介绍—KN400 系列 PRODUCT INTRODUCTION—KN400 SERIES

KN400系列材料, 产品为乳白色颗粒, 只针对PC、ABS、PC/ABS、PETG、PA等二次包胶应用, 可根据客户的硬度、透明度、耐刮及耐磨等方面的要求进行设计。

KN400 series of materials, products are milky white granules, only for PC, ABS, PC/ABS, PETG, PA and other over molding applications, can be designed according to the customer's requirements of hardness, transparency, scratch resistance and wear resistance.



优点 Advantage

1. 手感舒适 Soft Hand Touch
2. 对ABS, PC, PC/ABS粘结性强 Strong Adhesion To ABS, PC, PC/ABS
3. 弹性较好 Good Elasticity

典型应用 Application

电动工具手柄、手动工具手柄、工具箱、电子温度计、仪表外壳、蓝牙耳机等。
Power tool handles, hand tool handles, tool boxes, electronic thermometers, instrument housings, Bluetooth headsets, etc.

物性表 TDS

测试项目 Test term	测试方法 Test method	单位 Unit	测试值 Data			
			KN400-60A	KN401-60A	KN402-60A	KN403-60A
硬度 Hardness	ASTMD-2240	Shore A/D/O	Shore A 60	Shore A 60	Shore A60	Shore A60
比重 Specific Gravity	ASTMD-792	g/cm ³	1.1	1.1	1.15	1.15
拉伸强度 Tensile Strength	ASTMD-412	Kgf/cm ²	57	100	75	80
断裂伸长率 Break Elongation	ASTMD-412	%	150	300	270	290
撕裂强度 Tear Strength	ASTMD-1004-07	Kgf/cm ²	32	50	48	46
黄变等级 UV-B resistance	—	—	四	四	四	四
外观 Appearance	—	—	本色、半雾面 Natural color, semi-matte	本色、高雾面 Natural color, high fog surface	本色、半雾面 Natural color, semi-matte	本色、雾面 Natural, matte
化学安全 Chemical Safety	REACHSVHC, RoHS, PAHs, Halogen					
✓ 建议加工温度: 145-180°C (勿超 200°C) Suggested processing temperature: 145-180°C(not higher than 200°C). ✓ 上述物性参数只作为芜湖凯锦华新材料科技有限公司内部的管控参考数据, 并不作为产品的规范 The above physical parameters are only used as reference data for internal control of Wuhu Kaijinhua New Material Technology Co., Ltd., not as product specifications.						

应用 Application

- K300-75A/K300-65A典型应用: 挤出阻燃线材, 密封条
Extruded flame retardant wire, sealing strip.
- K300-50A/K300-40A典型应用: 单独注塑成型, 或二次注塑成型阻燃制品
Individual injection molding, or secondary injection molding flame retardant products.

产品介绍—TPV系列 PRODUCT INTRODUCTION—TPV SERIES

■ 防尘罩专用料 (Dust Cover)

凯锦华科技 热塑性硫化弹性体 (TPV)



材料性能 Material properties	典型值 Typical Value				单位 Unit	依据 Basis
	P11-90A	P11-85A	P11-50A	P11-40A		
密度 Density	0.955	0.97	0.95	0.94	g/cm3	ASTM D792
硬度Hardness (Shore A,10 sec,23°C)	94	87	52	43	A	ASTM D2240
100%定伸强度-垂直向23°C 100% Elongation Strength - Vertical 23°C	7.1	5.02	12	9.4	Mpa	ASTM D412
拉伸强度-垂直流向23°C Tensile Strength - Vertical Flow 23°C	14.7	11.3	24	22	Mpa	ASTM D412
断裂伸长率-垂直流向23°C Elongation at break-vertical flow direction 23°C	580	520	830	640	%	ASTM D412
撕裂强度-垂直流向23°C Die C Tear Strength - Vertical Flow 23°C Die C	53	42	128	110	KN/m	ASTM D624
压缩永久变形 Compression set						ASTM D395
70°C, 22h,1型 方法B 70°C, 22h, Type 1 Method B	39	35	58	54	%	
125°C, 70h,1型 方法B 125°C, 70h, Type 1 Method B	57	54	76	62	%	

■ 档把杯垫手刹专用料 (Gear Lever, Coaster, Handbrake)

凯锦华科技 热塑性硫化弹性体 (TPV)



材料性能 Material properties	典型值 Typical Value		单位 Unit	依据 Basis
	P1085A	P1064A		
密度 Density	0.95	0.95	g/cm3	ASTM D792
硬度Hardness (Shore A,10 sec,23°C)	88	64	A	ASTM D2240
100%定伸强度-垂直向23°C 100% Elongation Strength - Vertical 23°C	4.7	2.1	Mpa	ASTM D412
拉伸强度-垂直流向23°C Tensile Strength - Vertical Flow 23°C	14.0	6.3	Mpa	ASTM D412
断裂伸长率-垂直流向23°C Elongation at break-vertical flow direction 23°C	560	520	%	ASTM D412
撕裂强度-垂直流向23°C Die C Tear Strength - Vertical Flow 23°C Die C	71	36	KN/m	ASTM D624
压缩永久变形 Compression set				ASTM D395
70°C, 22h,1型 方法B 70°C, 22h, Type 1 Method B	39	27	%	
125°C, 70h,1型 方法B 125°C, 70h, Type 1 Method B	64	46	%	

■ 建筑密封条专用料 (Building Seal)

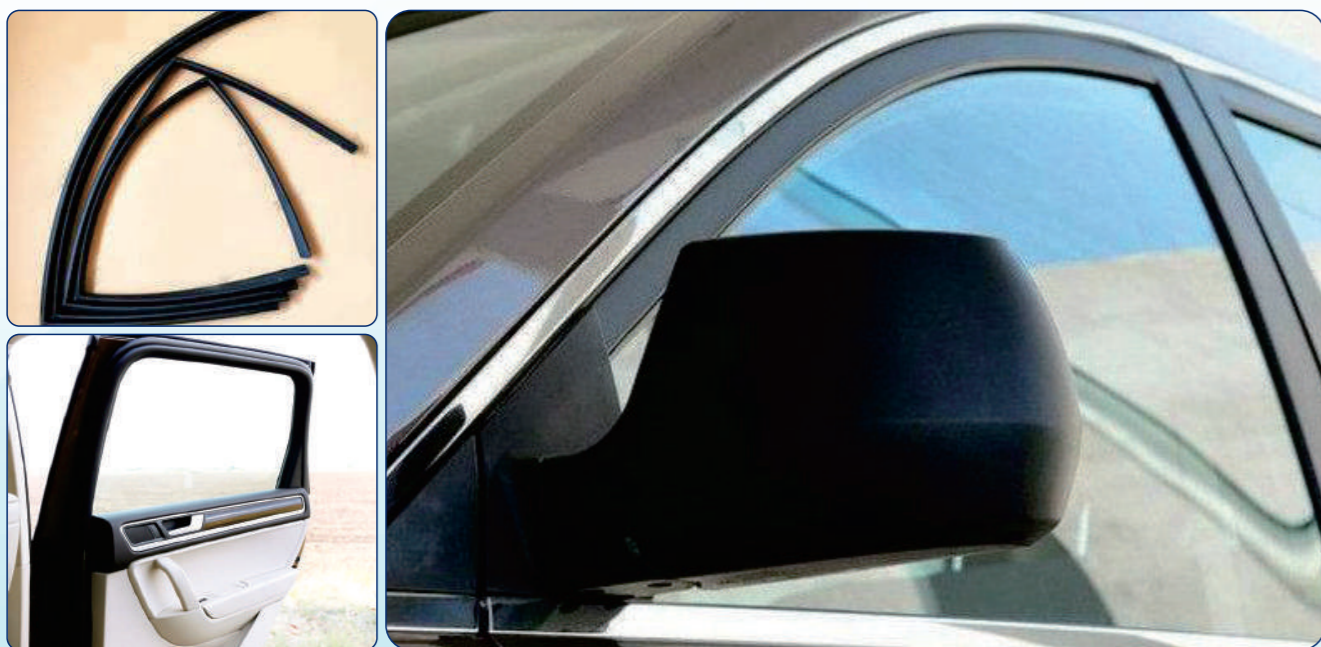
凯锦华科技 热塑性硫化弹性体 (TPV)



材料性能 Material properties	典型值 Typical Value			单位 Unit	依据 Basis
	P103-75A	P103-65AT	P103-55A		
密度 Density	0.985	0.985	0.98	g/cm3	ASTM D792
硬度Hardness (Shore A,10 sec,23°C)	73	67	55	A	ASTM D2240
100%定伸强度-垂直向23°C 100% Elongation Strength - Vertical 23°C	23.0	2.2	1.5	Mpa	ASTM D412
拉伸强度-垂直流向23°C Tensile Strength - Vertical Flow 23°C	6.9	6.5	4.6	Mpa	ASTM D412
断裂伸长率-垂直流向23°C Elongation at break-vertical flow direction 23°C	550	560	580	%	ASTM D412
撕裂强度-垂直流向23°C Die C Tear Strength - Vertical Flow 23°C Die C	40	32	26	KN/m	ASTM D624
压缩永久变形 Compression set					ASTM D395
70°C, 22h,1型方法B 70°C, 22h, Type 1 Method B	27	25	28	%	
125°C, 70h,1型方法B 125°C, 70h, Type 1 Method B	39	36	39	%	

■ 玻璃导槽专用料 (door glass seal)

凯锦华科技 热塑性硫化弹性体 (TPV)



材料性能 Material properties	典型值 Typical Value				单位 Unit	依据 Basis
	P103-78A	P103-73A	P103-67A	P103-80A		
密度 Density	0.985	0.985	0.985	0.89	g/cm3	ASTM D792
硬度Hardness (Shore A,10 sec,23°C)	78	73	67	80	A	ASTM D2240
100%定伸强度-垂直向23°C 100% Elongation Strength - Vertical 23°C	3.5	3.0	2.2	3.2	Mpa	ASTM D412
拉伸强度-垂直流向23°C Tensile Strength - Vertical Flow 23°C	7.8	6.9	6.5	7.2	Mpa	ASTM D412
断裂伸长率-垂直流向23°C Elongation at break-vertical flow direction 23°C	500	550	560	750	%	ASTM D412
撕裂强度-垂直流向23°C Die C Tear Strength - Vertical Flow 23°C Die C	41	40	32	51	KN/m	ASTM D624
压缩永久变形 Compression set						ASTM D395
70°C, 22h,1型方法B 70°C, 22h, Type 1 Method B	29	27	25	35	%	
125°C, 70h,1型方法B 125°C, 70h, Type 1 Method B	45	39	36	50	%	

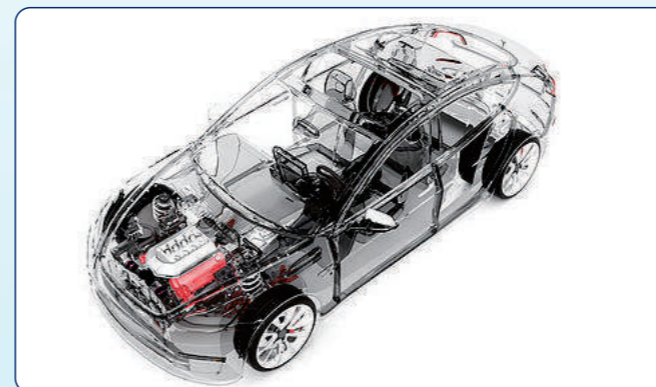
■ 汽车零部件专用料

凯锦华科技 热塑性硫化弹性体 (TPV)

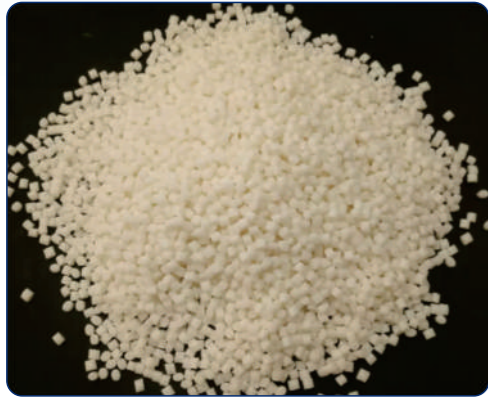
汽车零部件应用实例

热塑性弹性体 (TPV) 广泛应用于汽车的柔性部件, 既具有硫化橡胶的高弹性, 也具有热塑性塑料的易加工、可回收性, 同时有优良的耐候性, 耐老化性。加工成本低, 性能优越, 环保可回收再利用。

Thermoplastic Elastomer (TPV) is widely used in flexible parts of automobiles. It not only has the high elasticity of vulcanized rubber, but also has the ease of processing and recyclability of thermoplastics, and at the same time, it has excellent weather resistance and aging resistance. Low processing cost, superior performance, environmentally friendly and recyclable.



底盘	发动机舱	驾驶舱	耐候密封
转向器防尘套 悬架护套 控制电缆护套	进气系统 插塞、减震器和垫圈 管路和连接器	翻门密封 转向柱罩 垫子和杯架 手柄和把手	玻璃包边 内水切 外水切 端盖和转角注塑 玻璃导槽 车顶饰条 切线 间隙填充 后备箱密封 挡风玻璃密封 天窗密封 车颈通风口/引擎---前档间密封



卫浴专用料 (bathroom)

凯锦华科技 热塑性硫化弹性体 (TPV)

材料性能 Material properties	典型值 Typical Value			单位 Unit	依据 Basis
	1185A	1175A	1165A		
密度 Density	0.96	0.96	0.96	g/cm3	ASTM D792
硬度Hardness (Shore A, 10 sec, 23°C)	87	78	68	A	ASTM D2240
100%定伸强度-垂直向23°C 100% Elongation Strength - Vertical 23°C	6.9	4.0	3.0	Mpa	ASTM D412
拉伸强度-垂直流向23°C Tensile Strength - Vertical Flow 23°C	10.8	9.2	6.8	Mpa	ASTM D412
断裂伸长率-垂直流向23°C Elongation at break-vertical flow direction 23°C	360	480	360	%	ASTM D412
撕裂强度-垂直流向23°C Die C Tear Strength - Vertical Flow 23°C Die C	58	45	34	KN/m	ASTM D624
压缩永久变形 Compression set					ASTM D395
70°C, 22h, 1型 方法B 70°C, 22h, Type 1 Method B	39	27	27	%	
125°C, 70h, 1型 方法B 125°C, 70h, Type 1 Method B	64	60	60	%	

三角窗专用料(Quarter Light Seal)

凯锦华科技 热塑性硫化弹性体(TPV)



材料性能 Material properties	典型值 Typical Value		单位 Unit	依据 Basis
	101-70A	101-60A		
密度 Density	0.97	0.97	g/cm3	ASTM D792
硬度Hardness (Shore A, 10 sec, 23°C)	72	63	A	ASTM D2240
100%定伸强度-垂直向23°C 100% Elongation Strength - Vertical 23°C	2.6	1.9	Mpa	ASTM D412
拉伸强度-垂直流向23°C Tensile Strength - Vertical Flow 23°C	5.8	3.7	Mpa	ASTM D412
断裂伸长率-垂直流向23°C Elongation at break-vertical flow direction 23°C	400	360	%	ASTM D412
撕裂强度-垂直流向23°C Die C Tear Strength - Vertical Flow 23°C Die C	32	23	KN/m	ASTM D624
压缩永久变形 Compression set				ASTM D395
70°C, 22h, 1型 方法B 70°C, 22h, Type 1 Method B	38	26	%	
125°C, 70h, 1型 方法B 125°C, 70h, Type 1 Method B	67	54	%	

水切密封条专用料 (window slot seal)

凯锦华科技 热塑性硫化弹性体 (TPV)



材料性能 Material properties	典型值 Typical Value				单位 Unit	依据 Basis
	101-75A	101-68A	101-55A	101-65A		
密度 Density	0.975	0.975	0.96	1.15	g/cm3	ASTM D792
硬度Hardness (Shore A,10 sec,23°C)	77.5	69	58	67	A	ASTM D2240
100%定伸强度-垂直向23°C 100% Elongation Strength - Vertical 23°C	3.68	2.75	1.85	20.5	Mpa	ASTM D412
拉伸强度-垂直到23°C Tensile Strength - Vertical Flow 23°C	8.25	6.25	5.07	22.7	Mpa	ASTM D412
断裂伸长率-垂直到23°C Elongation at break-vertical flow direction 23°C	460	460	400	135	%	ASTM D412
撕裂强度-垂直到23°C Die C Tear Strength - Vertical Flow 23°C Die C	36	22.6	20	114	KN/m	ASTM D624
压缩永久变形 Compression set						ASTM D395
70°C, 22h, 1型方法B 70°C, 22h, Type 1 Method B	28	26	24	-	%	
125°C, 70h, 1型方法B 125°C, 70h, Type 1 Method B	43	46	37	-	%	

产品介绍—鞋材发泡系列 PRODUCT INTRODUCTION—SHOE FOAMED SERIES

鞋材发泡系列材料是以SBS/SEBS为基材，具有良好的弹性、抗震性、防滑性及耐磨性，是鞋材和发泡垫的主要原料之一。是可增加产品的舒适性、安全性、耐用性和美观性，提高产品附加值及市场竞争力。

Shoe foam series materials are based on SBS/SEBS, which have good elasticity, shock resistance, slip resistance and wear resistance, and are one of the main raw materials for shoe materials and foam pads. It can increase the comfort, safety, durability and aesthetics of the product, and improve the added value and market competitiveness of the product.



优点 Advantage

- 1.优良的抗震性 Excellent shock resistance
- 2.良好的防滑性 Good slip resistance
- 3.可提供超软级材料 Super soft grade material offered
- 4.良好的回复性，耐冲击性 Good recovery, impact resistance
- 5.有较低的压缩永久变形 Lower compression set

物性表 TDS

测试项目 Test term	测试方法 Test method	单位 Unit	测试值 Data			
			F401-10A	F201-15A	F401-50A	F301-65A
硬度 Hardness	ASTMD-2240	Shore A/D/O	Shore A 10	Shore A 15	Shore A 50	Shore A 65
比重 Specific Gravity	ASTMD-792	g/cm ³	0.92	1.1	0.89	1.0
拉伸强度 Tensile Strength	ASTMD-412	Kgf/cm ²	17	14	38	195
断裂伸长率 Break Elongation	ASTMD-412	%	550	950	240	45
撕裂强度 Tear Strength	ASTMD-1004-07	Kgf/cm ²	8	7	28	143
黄变等级 UV-B resistance	—	—	四	四	四	四
外观 Appearance	—	—	半透明 Translucent	本色 Nature	半透明 Translucent	本色 Nature
化学安全 Chemical Safety	REACHSVHC, RoHS, PAHs, Halogen					
<ul style="list-style-type: none"> ✓ 建议加工温度：145-180°C (勿超 200°C) Suggested processing temperature: 145-180°C(not higher than 200°C). ✓ 上述物性参数只作为芜湖凯锦华新材料科技有限公司内部的管控参考数据，并不作为产品的规范 The above physical parameters are only used as reference data for internal control of Wuhu Kaijinhua New Material Technology Co., Ltd., not as product specifications. 						

典型应用 Application

瑜伽垫、运动鞋垫、EVA拖鞋、鞋后跟垫片、TPR鞋底、鞋垫等。
Yoga mats, sports insoles, EVA slippers, heel spacers, TPR soles, insoles, etc.

车间现场 WORKSHOP SITE

