



SHENYANG KETONG PLASTIC CO.,LTD.



COMPATIBILIZER / TOUGHENER
ADHESIVE RESIN

COMPANY PROFILE



Shenyang Ketong Plastic Co., Ltd. is a large high-tech enterprise specializing in R&D, the production of toughening agents, compatibilizers, and modified engineering plastic.

The enterprise operates in an area of 15000 square meters where there are more than 10 production lines of Chinese and foreign twin-screw extruders. Moreover, it has a professional team, and professors are from famous universities, which develop new products to meet various kinds of demands of modified engineering plastic. Our vision is to provide customers with products with the latest technology while supplying perfect after-sales service.

The branch offices are all over China and strive to assist Chinese brands to go global. Our products enjoy popularity throughout the world! They are not only sold throughout China, but also exported to India, Vietnam, Korea, the USA, Germany, Russia, Belgium, and other countries.

We are looking forward to working with more customers and creating a better future!



PE Compatibilizer



Product Code	MFI (190°C/2.16kg g/10min)	Grafting Rate	Density (g/cm ³)	Base Polymer	Application
KT-12	≥1.0	High	0.92-0.96	HDPE	Electrostatic spraying, wood plastic.
KT-12A	≥4.6	High	0.90-0.94	PE Elastomer	Electrostatic spraying, wood-plastic, cable (highly filled halogen-free cable compound), asphalt waterproof additive, the improvement of mechanical properties of PA compound.
KT-12B	≥0.3	High	0.90-0.94	LLDPE	Cable (highly filled halogen-free cable compound), the improvement of mechanical properties of PA blend.
KT-12C	≥0.5	High	0.91-0.94	LDPE	Electrostatic spraying.
KT-12D	1.0-4.0	High	0.90-0.94	PE Elastomer	Electrostatic spraying, wood-plastic, cable (highly filled halogen-free cable compound), asphalt waterproof additive, the improvement of mechanical properties of PA compound.
KT-12L	≥2.0	Low	0.93-0.98	HDPE	PE/HIPS Alloy
KT-12M01	≥0.5	High	0.92-0.96	HDPE	Wood-plastic

*Grafting rate: Low (≤0.6%), Medium(0.6%-1.0%), High (0.6%-1.3%), Very High(≥1.3%)



PC Compatibilizer

Product Code	MFI (190°C/2.16kg g/10min)	Grafting Rate	Density (g/cm ³)	Base Polymer	Application
KT-15	--	High	--	Elastomer	The improvement of mechanical properties of PC compound, that of compatibilization and toughness of PC/ABS
KT-17	--	High	0.94-0.98	Elastomer	The improvement of mechanical properties of PC compound, that of compatibilization and toughness of PC/ABS,PBT/ABS
KT-1701	--	High	0.97-1.00	Elastomer	The improvement of toughness of PC compound, that of compatibilization and toughness of PC/ABS
KT-31	0.2-0.6	High	0.92-0.96	Elastomer	The improvement of mechanical properties of PC blend,good environmental stress cracking resistance.
KT-18	--	--	--	Elastomer	The improvement of mechanical properties of PC compound, PC/Retardant blend, that of the toughness of PC/ABS.
KT-18A	--	--	--	Elastomer	The improvement of mechanical properties of PC compound, PC/Retardant blend, that of the toughness of PC/ABS.



PPO Compatibilizer

Product Code	MFI (280°C/2.16kg g/10min)	Grafting Rate	Density (g/cm ³)	Base Polymer	Application
KT-24	2.0-4.0	High	1.00-1.10	PPO	The improvement of compatibilization of PA/PPO, and glass fiber reinforced PA/PPO.

PBT Toughener



Product Code	MFI (190°C/2.16kg g/10min)	Grafting Rate	Density (g/cm ³)	Base Polymer	Application
KT-20	≥3.0	Very High	0.94-0.98	EMA	The improvement of mechanical properties of PBT compound, PBT/Retardant blend, that of compatibilization and toughness of PC/PBT、PC/PET, that of the toughness of PPS compound.
KT-22	1.0-8.0	High	0.92-0.97	EMA	
KT-23	1.0-8.0	High	0.92-0.97	EMA	
KT-33	0.8-4.0	High	0.92-0.95	EMA	
KT-29	≥4.0	Medium	0.92-0.94	EEA	The improvement of mechanical properties of PBT compound and PBT alloy.
KT-30	4.0-8.0	Medium	0.90-0.93	PE	The improvement of mechanical properties of PBT compound, PBT/Retardant blend.
KT-30A	1.0-3.0	Medium	0.91-0.93	PE	
KT-35	3.5-5.5	High	0.87-0.89	POE	The improvement of mechanical properties of PBT compound and PBT/Retardant blend.
KT-35B	0.8-1.5	Medium	0.87-0.89	POE	The improvement of mechanical properties of PBT compound.
KT-3501	2.0-3.0	Low	0.88-0.89	POE	The improvement of mechanical properties of PBT compound, PBT/Retardant blend, that of PBT sheet.
KT-3502	2.5-3.5	Low	0.88-0.90	POE	
KT-35G	1.0-3.0	Medium	0.87-0.89	POE	The improvement of mechanical properties of PBT compound and PBT/Retardant blend.

*Grafting rate: Low (≤0.6%), Medium(0.6%–1.0%), High (0.6%–1.3%), Very High(≥1.3%)

Adhesive Resin



Product Code	MFI (190°C/2.16kg g/10min)	Grafting Rate	Density (g/cm ³)	Base Polymer	Application
KT-NJ001	0.5-1.5	High	0.91-0.93	PE	Coextruded multi-layer film
KT-NJP2201	1.0-3.0	High	0.90-0.93	PE	Coextruded multi-layer film for PE,EVOH,PA,etc.
KT-NJE2202	1.5-3.5	Low	0.89-0.91	PP	Coextruded multi-layer film for PP, EVOH,PA,etc.
KT-NJ012	2.5-4.5	High	0.92-0.95	PE	Aluminum-plastic and steel-plastic pipe bonding.
KT-V25	20-30	Medium	0.86-0.88	Elastomer	The improvement of compatibilization of EVOH or PA and polyolefins, and of various polyolefins.

TPE Overmolding Compatibilizer



Product Code	MFI (190°C/5kg g/10min)	Grafting Rate	Density (g/cm ³)	Base Polymer	Application
KT-25	≥1.0	High	0.91-0.93	SEBS	Used as a modifier and compatibilizer for engineering plastics such as PA, POM, PPO, and PPS; also applicable for TPE overmolding on PA, ABS, and as an adhesive.
KT-2512	10-25*	High	0.90-0.92	SEBS	TPE overmolding PA, ABS, and other adhesives.
KT-2518	3.0-6.0	High	0.90-0.92	SEBS	The modification of TPE; The improvement of compatibilization of TPE and the effect of TPE overmolding PA.
KT-153	120-180*	High	0.88-0.91	Elastomer	The modification of TPE; The improvement of compatibilization of TPE and the effect of TPE overmolding PA.

*KT-2512: 230°C/5kg g/10min *KT-153: 190°C/2.16kg g/10min

*Grafting rate: Low (≤0.6%), Medium(0.6%-1.0%), High (0.6%-1.3%), Very High(≥1.3%)

EVA Compatibilizer



Product Code	MFI (190°C/2.16kg g/10min)	Grafting Rate	Density (g/cm ³)	Base Polymer	Application
KT-26	0.2-2.0	High	0.92-0.96	EVA	Enhancing color fastness and compatibility in color masterbatches; increasing the quantity of inorganic flame retardants in flame retardant cables; improving paintability, adhesion, and compatibility; and modifying PA for toughening.

POM Toughener



Product Code	MFI (190°C/2.16kg g/10min)	Grafting Rate	Density (g/cm ³)	Base Polymer	Application
KT-28	--	--	1.12-1.17	Elastomer	The improvement of toughness modification of POM; Direct injection molding for improving toughness; Good weather resistance.
KT-28A	--	--	1.12-1.17	Elastomer	The improvement of toughness modification of POM; Direct injection molding for improving toughness.

Degradable Compatibilizer



Product Code	MFI (190°C/2.16kg g/10min)	Grafting Rate	Density (g/cm ³)	Base Polymer	Application
KT-36	≥4.0	Medium	1.20-1.23	PBAT	The filling modification of degradable materials such as PLA and PBAT, starch and inorganic mineral powder.

PP Compatibilizer



Product code	MFI (190°C/2.16kg g/10min)	Grafting Rate	Density (g/cm ³)	Base Polymer	Characteristic	Application
KT-1	100-140	Medium	0.91-0.95	PP	In Common Use	Interface modifiers for glass fiber or mineral-filled polypropylene are used in long fiber overmolding and manufacturing automotive parts, household appliances, and furniture, as well as for TPE modification.
KT-1C	≥80	Medium	0.90-0.92	PP-B	PP-B base polymer	
KT-1D	100-140	High	0.91-0.93	PP	High grafting rate, High-performance	
LEP-1B	≥80	High	0.90-0.92	PP-H	PP-H base polymer, low odor, low VOC	
LEP-1C	≥80	High	0.90-0.92	PP-B	PP-B base polymer, low odor, low VOC	
LEP-1D	100-140	High	0.90-0.92	PP-H	PP-H base polymer, low odor, low VOC	

*Grafting rate: Low (≤0.6%), Medium(0.6%–1.0%), High (0.6%–1.3%), Very High(≥1.3%)

ABS Compatibilizer and Toughener



Product code	MFI (200°C/5kg g/10min)	Grafting Rate	Density (g/cm ³)	Base Polymer	Characteristic	Application
KT-2	1.0-4.0	High	1.03-1.08	ABS	High Impact Strength	Glass fiber reinforced or mineral filled ABS, AS interface modifier, PC/ABS alloy compatibilizer
KT-2H	0.5-2.5	High	1.03-1.07	ABS	High Impact Strength	
KT-3	≥1.0	Very High	1.00-1.05	ABS	High Grafting Rate	
KT-2M	20-40*	--	1.05-1.09	ABS	--	Compatibilizer for PA/ASA, PA/ABS alloy, improve toughness and rigidity; improve heat resistance of ABS.
KT-4	--	--	0.96-1.00	ABS high rubber powder	Injection grade toughener, high dispersion	Used for toughening ABS to improve impact resistance.

*KT-2M: 265°C/10kg g/10min

PA Toughening Agent



Product code	MFI (190°C/2.16kg g/10min)	Grafting Rate	Density (g/cm ³)	Base Polymer	Characteristic	Application
KT-7	0.2-2.0	Medium	0.86-0.88	EPDM	High Impact Strength At The Low Temperature	They heighten the mechanical properties of PA66, PA6, and flame retardants compound. KT-NJ801 is also used for overmolding.
KT-8	0.2-2.0	Medium	0.86-0.88	EPDM		
KT-NJ801	1.8-2.4	Medium	0.87-0.89	EPDM		

PA Toughening Agent

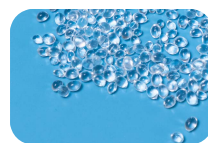


Product Code	MFI (190°C/2.16kg g/10min)	Grafting Rate	Density (g/cm ³)	Base Polymer	Characteristic	Application	
KT-913	0.5-2.0	Medium	0.86-0.88	POE	Modified material has good fluidity.	The improvement of the mechanical properties of PA66, PA6, flame retardants blend, also for cable.	
KT-915H	0.5-1.5	High	0.86-0.88	POE	--		
KT-915	0.5-2.0	High	0.86-0.88	POE	High performance, low temperature resistance		
KT-915A	0.5-2.0	High	0.86-0.88	POE			
KT-915B	≥1.0	Medium	0.86-0.89	POE			
KT-916K	9.0-13.0*	High	0.86-0.88	Elastomer	Low temperature resistance Suitable for room temperature to -50°C		
KT-10A	0.5-3.0	Medium	0.87-0.89	POE	High performance, low temperature resistance		
KT-905	0.4-2.0	Medium	0.88-0.91	POE	High Cost-effective		They heighten the mechanical properties of PA66, PA6, and flame retardants compound.
KT-906	≥0.1	Medium	0.87-0.89	POE			
KT-903	0.5-2.0	Medium	0.90-0.92	POE			
KT-9	≥0.8	Medium	0.87-0.90	POE	Improvement of strength and toughness	It is used for the improvement of the mechanical properties of PA6 compound.	
KT-2510	>0.2*	High	0.90-0.92	SEBS	---	The improvement mechanical properties of PA66, PA6, flame retardants compound, also for TPE over molding PA, ABS, etc.	
KT-2511	≥0.1*	High	0.90-0.92	SEBS	---	They heighten the mechanical properties of PA66, PA6, flame retardants blend.	
KT-12BG	≥0.5	High	0.90-0.94	LLDPE	---	Nylon insulation strips are exclusively used.	

*KT-916K: 235°C/5kg g/10min
 KT-2511: 190°C/5kg g/10min
 KT-2510: 190°C/5kg g/10min

*Grafting rate: Low (≤0.6%), Medium (0.6%-1.0%), High (0.6%-1.3%), Very High (≥1.3%)

Photovoltaic Encapsulation Film



Product Code	MFI (190°C/2.16kg g/10min)	Grafting Rate	Density (g/cm ³)	Characteristic	Application
KT-NJG8416	12-17	High	0.87-0.89	Good transparency, few crystal points	It is used for solar panel encapsulation film.
KT-NJG8421	18-24	High	0.89-0.91		



CONTACT INFORMATION

Addr.: No.11-1, hongbin road, yuhong district, shenyang city,
liaoning province, China.

Website: www.ketongplas.com

Email: andy@ketongplas.com

Tel: +86 24 89362429

Fax: +86 24 89362427