

The Type Of Thermoplastic Elastomer

Type	Component		Produce	Application
	hard segment	soft segment		
Styrene Class TPE(TPS)				
SBS	Polystyrene(PS)	BR	chemical polymerization	General
SIS	Polystyrene(PS)	IR	chemical polymerization	General
SEBS	Polystyrene(PS)	Hydrogenation BR	chemical polymerization	GE、Eng
SEPS	Polystyrene(PS)	Hydrogenation IR	chemical polymerization	GE、Eng
Olefine TPE				
TPO	Polypropylene(PP)	EPDM	Mechanical blending	General
TPV-PP/EPDM	Polypropylene(PP)	EPDM+Curing agent	Mechanical blending	General
TPV-PP/NBR	Polypropylene(PP)	NBR+Curing agent	Mechanical blending	General
TPV-PP/NR	Polypropylene(PP)	NR+Curing agent	Mechanical blending	General
TPV-PP/IIR	Polypropylene(PP)	IIR+Curing agent	Mechanical blending	General
Diene TPE				
TPB(1,2-IR)	Poly (1, 2 - butadiene)		chemical polymerization	General
TPI(trans-1,4-IR)	Poly (trans 1, 4 - isoprene)		chemical polymerization	General
T-NR(trans-1,4-NR)	Poly (trans 1, 4 - isoprene)		Natural polymerization	General
TP-NR(Modification of cis 1,4-NR)	Poly (cis 1, 4 isoprene modification)		graft polymerization	General
TPVC(TPE)				
TPVC(HPVC)	Crystallization(PVC)	Amorphous PVC	polymerization or blending	General
TPVC(PVC、NBR)	(PVC)	NBR	Mechanical blending	General
TCPE	Crystallization(CPE)	Amorphous CPE	polymerization or blending	General
Ammonia TPE(TPU)	Ammonia ester structure	Polyether or polyester	Polyaddition	GE、Eng
Ester TPE(TPEE)	Ester structure	Polyether or polyester	polycondensation	Eng
Amide TPE(TPAE)	Amide Structure	Polyether or polyester	polycondensation	Eng
The organic fluorine TPE(TPF)	Fluororesin	Fluororubber	chemical polymerization	GE、Eng
The organic silicone TPE				
	Crystallization(PE)	Q rubber	Mechanical blending	GE、Eng
	Polystyrene	polydimethylsiloxane	block copolymerization	GE、Eng
	Poly (bisphenol A carbonate	polydimethylsiloxane	block copolymerization	Eng
	Polyarylester	polydimethylsiloxane	block copolymerization	Eng
	Polysulfone	polydimethylsiloxane	block copolymerization	Eng
vinyl TPE				
EVA TPE	Crystallization(PE)	acetic acid vinyl ester	block copolymerization	General
EEA TPE	Crystallization(PE)	ethyl acrylate	block copolymerization	General
Ionic bond TPE	Ethylene/methyl acrylate polymers		ionic polymerization	Eng
	Juan, ethylene/propylene ternary polymers		ionic polymerization	General
Fused Process TPE	Vinyl polymer each	Chlorinated Polyolefin	melt blending	General