

Delene 5590

Thermoplastic Elastomer

Shanghai Lin Gen Rubber Materials Co., Ltd.

Message:

Halogen free flame retardant TPE for Wire & Cable applications, with excellent elasticity

General Information			
Features	High elasticity		
	Halogen-free		
	Flame retardancy		
Uses	Wire and cable applications		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	90		ASTM D2240
Shaw D	35		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	10.0	MPa	ASTM D412
Tensile Elongation (Break)	450	%	ASTM D412
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	> 1.0E+14	ohms·cm	ASTM D257
Dielectric Strength	> 20	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.0 mm)	V-0		UL 94
Extrusion	Nominal Value	Unit	
Drying Temperature	80 - 90	°C	
Drying Time	3.0 - 4.0	hr	
Extrusion instructions			
Hopper Temperature: 150 - 170 °CTransmission Temperature: 180 - 200 °CMeasurement Temperature: 200 - 230 °CDie Temperature: 190 - 220 °CMesh Temperature: 100 - 200 mesh			

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

