

Delene 5570

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	1.06	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	70		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	7.00	MPa	ASTM D412
Tensile Elongation (Break)	500	%	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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