

Sinpolene HFR8018

Thermoplastic

Teknor Apex Asia Pacific PTE. LTD.

Message:

Sinpolene HFR8018 is a Thermoplastic material. It is available in Africa & Middle East, Asia Pacific, or Latin America.

Important attributes of Sinpolene HFR8018 are:

Flame Rated

Flame Retardant

Halogen Free

Typical application of Sinpolene HFR8018: Wire & Cable

General Information			
Features	Flame Retardant		
	Halogen Free		
Uses	Insulation Shield		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/10.0 kg)	6.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	47		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	14.0	MPa	IEC 811-1-1
Tensile Elongation (Break)	100	%	IEC 811-1-1
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	350	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	5.0E+14	ohms	ASTM D257
Volume Resistivity	4.0E+14	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.00 mm)	V-0		UL 94
Oxygen Index	32	%	ASTM D2863

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Recommended distributors for this material

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