

Sinpolene HFR8144

Polypropylene

Teknor Apex Asia Pacific PTE. LTD.

Message:

Sinpolene HFR8144 is a Polypropylene material. It is available in Africa & Middle East, Asia Pacific, or Latin America.

Important attributes of Sinpolene HFR8144 are:

Flame Rated

Halogen Free

Typical application of Sinpolene HFR8144: Electrical/Electronic Applications

General Information			
Features	Halogen Free		
Uses	Electrical Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness	96		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	20.0	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	1300	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	154	°C	ASTM D1525 ¹
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.4E+15	ohms	ASTM D257
Volume Resistivity	1.2E+15	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-1		UL 94
Oxygen Index	28	%	ASTM D2863
NOTE			

1. Loading 1 (10 N)

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Recommended distributors for this material

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