



Sinpolene HFR8018

Teknor Apex Asia Pacific PTE. LTD. - Thermoplastic

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Asia Pacific	• Latin America
Features	• Flame Retardant	• Halogen Free	
Uses	• Insulation Shield		
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.47		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/10.0 kg)	6.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2030	psi	IEC 811-1-1
Tensile Elongation (Break)	100	%	IEC 811-1-1
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	6.6	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	47		ASTM D2240
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 (0.12 in)	V-0		UL 94
Oxygen Index	32	%	ASTM D2863

Notes

¹ Typical properties: these are not to be construed as specifications.