



Sinpolene HFR8214

Teknor Apex Asia Pacific PTE. LTD. - Polypropylene

General Information

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.07		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	3920	psi	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Strength	4790	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.94	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness	98		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	302	°F	ASTM D1525 ²
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	V-0		UL 94
Glow Wire Flammability Index	1760	°F	IEC 60695-2-12
Oxygen Index	38	%	ASTM D2863

Notes

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

² Loading 1 (10 N)