

Teknor Apex Sinpolene FRF2074 Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Flame Retardant

Material Notes:

Availability: Africa & Middle East; Latin America; Asia Pacific; South America Features: Flame Retardant Uses: Appliance Components;

Housings Forms: Pellets Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Sinpolene-FRF2074-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.938 g/cc	0.938 g/cc	ASTM D792
Linear Mold Shrinkage	0.00013 cm/cm	0.00013 in/in	ASTM D955
Melt Flow	9.00 g/10 min @Load 2.16 kg, Temperature 230 °C	9.00 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	87	87	ASTM D785
Tensile Strength, Yield	38.0 MPa	5510 psi	ASTM D638
Flexural Strength	40.0 MPa	5800 psi	ASTM D790
Flexural Modulus	1.30 GPa	189 ksi	ASTM D790
Izod Impact, Notched	0.251 J/cm @Temperature 22.8 °C	0.470 ft-lb/in @Temperature 73.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	105 °C	221 °F	Unannealed; ASTM D648
Vicat Softening Point	154 °C	309 °F	Loading 1 (10N); ASTM D1525
Flammability, UL94	V-2 @Thickness 1.60 mm	V-2 @Thickness 0.0630 in	

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