

Teknor Apex Synres® SR 4321 Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Notes: The Specialty Compounding Division offers a proprietary line of mineral filled polyolefins, including talc and calcium carbonate filled polypropylenes. Typical applications include injection molded siding panels, pool products, transportation parts, various home products as well as other applications requiring higher rigidity, lower shrinkage and lower coefficient of linear thermal expansion than natural polyolefins. These compounds can be tailored to specific needs and are available pre-colored or natural. Forms: Pellets

Information
Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Synres-SR-4321-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ASTM D792
Melt Flow	12.0 g/10 min	12.0 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60	60	10 seconds; ASTM D2240
Tensile Strength at Break	21.4 MPa	3100 psi	ASTM D638
Elongation at Yield	4.0 %	4.0 %	ASTM D638
Flexural Modulus	1.93 GPa	280 ksi	ASTM D790
Izod Impact, Notched	0.908 J/cm	1.70 ft-lb/in	ASTM D256

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