

Teknor Apex Synres® PP G30 19 Polypropylene, Glass Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Notes: The Specialty Compounding Division offers a proprietary line of glass reinforced polypropylene. Typical applications include automotive, building and construction, industrial as well as many other applications requiring high rigidity. 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-PP-G30-19-Polypropylene-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	ASTM D792
Melt Flow	9.60 g/10 min	9.60 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	
Ash	30 %	30 %	ASTM D5630

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	78	78	10 seconds; ASTM D2240
Tensile Strength at Break	85.5 MPa	12400 psi	ASTM D638
Flexural Modulus	4.65 GPa	675 ksi	ASTM D790
Izod Impact, Notched	1.01 J/cm	1.90 ft-lb/in	ASTM D256
Gardner Impact	10.8 J	8.00 ft-lb	ASTM D5420

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	158 °C	316 °F	ASTM D648B

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