

Techmer ES HiFill® PP 0096 S2 LE Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Availability: North America Forms: Pellets Filler/Reinforcement: Unspecified Filler/Reinfor Features: Low Extractables Information provided by TP Composites, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Techmer-ES-HiFill-PP-0096-S2-LE-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 lb/in ³	ASTM D792
Water Absorption	0.050 % @Time 86400 sec	0.050 % @Time 24.0 hour	ASTM D570
Linear Mold Shrinkage, Flow	0.019 cm/cm @Thickness 3.17 mm	0.019 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	120	120	ASTM D785
Tensile Strength, Yield	33.1 MPa	4800 psi	ASTM D638
Elongation at Break	10 %	10 %	ASTM D638
Flexural Strength	35.9 MPa	5200 psi	ASTM D790
Flexural Modulus	1.31 GPa	190 ksi	ASTM D790
Izod Impact, Notched	0.267 J/cm @Thickness 3.17 mm	0.500 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	34.2 Åµm/m-Å°C	19.0 Åµin/in-Å°F	ASTM D696
Deflection Temperature at 0.46 MPa (66 psi)	116 Å°C	240 Å°F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	54.4 Å°C	130 Å°F	Unannealed; ASTM D648

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China