

Cheng Yu Plastic PP231H TALC 40 Polypropylene, 40% Talc, High Heat

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Talc Filler

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-PP231H-TALC-40-Polypropylene-40-Talc-High-Heat.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ASTM D792
Linear Mold Shrinkage	0.010 - 0.020 cm/cm	0.010 - 0.020 in/in	ASTM D955
Melt Index of Compound	20 g/10 min	20 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	100	100	ASTM D785
Tensile Strength, Yield	34.3 MPa	4980 psi	ASTM D638
Flexural Yield Strength	63.7 MPa	9250 psi	ASTM D790
Izod Impact, Notched	0.255 J/cm	0.478 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	140 °C	284 °F	ASTM D648
Flammability, UL94	HB	HB	

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