

Cheng Yu Plastic PP230H TALC 30 Polypropylene, 30% Talc, High Heat

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Talc Filler

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-PP230H-TALC-30-Polypropylene-30-Talc-High-Heat.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 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	15 - 20 g/10 min	15 - 20 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	100	100	ASTM D785
Tensile Strength, Yield	33.3 MPa	4840 psi	ASTM D638
Flexural Yield Strength	58.8 MPa	8530 psi	ASTM D790
Izod Impact, Notched	0.275 J/cm	0.514 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	135 °C	275 °F	ASTM D648
Flammability, UL94	HB	HB	

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