

## Aclo Accutech Polypropylene Homopolymer HP0334T20L1 Talc Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Talc Filler

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aclo-Accutech-Polypropylene-Homopolymer-HP0334T20L1-Talc-Reinforced.php](http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Homopolymer-HP0334T20L1-Talc-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.038 g/cc	0.03750 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.011 cm/cm	0.011 in/in	MD; ASTM D955
Melt Flow	6.0 g/10 min	6.0 g/10 min	ASTM D1238
Ash	20 %	20 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	92	92	ASTM D785
Tensile Strength at Break	28.0 MPa	4060 psi	ASTM D638
Tensile Strength, Yield	36.0 MPa	5220 psi	ASTM D638
Elongation at Break	16 %	16 %	ASTM D638
Elongation at Yield	5.0 %	5.0 %	ASTM D638
Tensile Modulus	1.700 GPa	246.5 ksi	ASTM D638
Flexural Strength	47.0 MPa	6820 psi	ASTM D790
Flexural Modulus	2.80 GPa	406 ksi	ASTM D790
Izod Impact, Notched	0.352 J/cm	0.660 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	122 °C	252 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	65.0 °C	149 °F	

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