

Aclo Accutech Polypropylene HP0335G30CHIV Homopolymer Glass Reinforced High Impact Coupled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Glass Reinforced, Impact Modified

Material Notes:

Approved to GMP.PP.017 Black A12563

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-HP0335G30CHIV-Homopolymer-Glass-Reinforced-High-Impact-Coupled.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	ASTM D955
Melt Flow	4.0 g/10 min	4.0 g/10 min	ASTM D1238
Ash	27 - 33 %	27 - 33 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	105	105	ASTM D785
Tensile Strength, Yield	77.01 MPa	11170 psi	ASTM D638
Elongation at Break	5.0 %	5.0 %	ASTM D638
Tensile Modulus	4.499 GPa	652.5 ksi	ASTM D638
Flexural Strength	80.0 MPa	11600 psi	ASTM D790
Flexural Modulus	4.699 GPa	681.5 ksi	ASTM D790
Izod Impact, Notched	1.01 J/cm	1.90 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	155 °C	311 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	140 °C	284 °F	

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