

Aclo Accutech Polypropylene CP0435G43CV Copolymer Glass Reinforced Coupled

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

Material Notes:

Approved to GMP.PP.039 Black A13054

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-CP0435G43CV-Copolymer-Glass-Reinforced-Coupled.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955
Melt Flow	5.0 g/10 min	5.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	110	110	ASTM D785
Tensile Strength, Yield	66.0 MPa	9570 psi	ASTM D638
Elongation at Break	10 %	10 %	ASTM D638
Tensile Modulus	5.00 GPa	725 ksi	ASTM D638
Flexural Strength	80.0 MPa	11600 psi	ASTM D790
Flexural Modulus	6.498 GPa	942.5 ksi	ASTM D790
Izod Impact, Notched	2.62 J/cm	4.90 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	162 °C	324 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	142 °C	288 °F	

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