

## Aclo Accutech Polypropylene CP0435G20HIV Copolymer Glass Reinforced High Impact

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

**Material Notes:**

Approved to GMP.PP.004 Black A12336

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aclo-Accutech-Polypropylene-CP0435G20HIV-Copolymer-Glass-Reinforced-High-Impact.php](http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-CP0435G20HIV-Copolymer-Glass-Reinforced-High-Impact.php)

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	ASTM D955
Melt Flow	7.0 g/10 min	7.0 g/10 min	ASTM D1238
Ash	18 - 22 %	18 - 22 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	100	100	ASTM D785
Tensile Strength, Yield	40.0 MPa	5800 psi	ASTM D638
Elongation at Break	10 %	10 %	ASTM D638
Tensile Modulus	3.00 GPa	435 ksi	ASTM D638
Flexural Strength	45.0 MPa	6530 psi	ASTM D790
Flexural Modulus	3.00 GPa	435 ksi	ASTM D790
Izod Impact, Notched	0.908 J/cm	1.70 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	

### Contact Songhan Plastic Technology Co.,Ltd.

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