

## Aclo Accutech ABS ABS831G10L Glass Reinforced

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), 10% Glass Fiber Filled

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aclo-Accutech-ABS-ABS831G10L-Glass-Reinforced.php](http://www.lookpolymers.com/polymer_Aclo-Accutech-ABS-ABS831G10L-Glass-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	MD; ASTM D955
Melt Flow	1.5 g/10 min	1.5 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	105	105	ASTM D785
Tensile Strength at Break	56.0 MPa	8120 psi	ASTM D638
Tensile Strength, Yield	56.0 MPa	8120 psi	ASTM D638
Elongation at Break	5.0 %	5.0 %	ASTM D638
Elongation at Yield	3.0 %	3.0 %	ASTM D638
Tensile Modulus	3.00 GPa	435 ksi	ASTM D638
Flexural Strength	75.01 MPa	10880 psi	ASTM D790
Flexural Modulus	3.699 GPa	536.5 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)	93.9 °C	201 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	83.9 °C	183 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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