

## Aclo Accucomp Polycarbonate POL051L Medium Viscosity

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, Molded

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aclo-Accucomp-Polycarbonate-POL051L-Medium-Viscosity.php](http://www.lookpolymers.com/polymer_Aclo-Accucomp-Polycarbonate-POL051L-Medium-Viscosity.php)

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 in/in	MD; ASTM D955
Melt Flow	15 g/10 min	15 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	121	121	ASTM D785
Tensile Strength at Break	69.98 MPa	10150 psi	ASTM D638
Tensile Strength, Yield	69.98 MPa	10150 psi	ASTM D638
Elongation at Break	150 %	150 %	ASTM D638
Elongation at Yield	105 %	105 %	ASTM D638
Tensile Modulus	1.80 GPa	261 ksi	ASTM D638
Flexural Strength	97.97 MPa	14210 psi	ASTM D790
Flexural Modulus	2.699 GPa	391.5 ksi	ASTM D790
Izod Impact, Notched	9.02 J/cm	16.9 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	140 °C	284 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	122 °C	252 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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