

## Aclo Accucomp Polycarbonate POL052L High 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-POL052L-High-Viscosity.php](http://www.lookpolymers.com/polymer_Aclo-Accucomp-Polycarbonate-POL052L-High-Viscosity.php)

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	MD; ASTM D955
Melt Flow	10 g/10 min	10 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	122	122	ASTM D785
Tensile Strength at Break	65.0 MPa	9430 psi	ASTM D638
Tensile Strength, Yield	66.0 MPa	9570 psi	ASTM D638
Elongation at Break	130 %	130 %	ASTM D638
Elongation at Yield	75 %	75 %	ASTM D638
Tensile Modulus	1.80 GPa	261 ksi	ASTM D638
Flexural Strength	97.01 MPa	14070 psi	ASTM D790
Flexural Modulus	2.699 GPa	391.5 ksi	ASTM D790
Izod Impact, Notched	9.50 J/cm	17.8 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	138 °C	280 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	125 °C	257 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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