

## Aclo Accucomp Polyethylene HD0202L High Density

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Injection Molded

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aclo-Accucomp-Polyethylene-HD0202L-High-Density.php](http://www.lookpolymers.com/polymer_Aclo-Accucomp-Polyethylene-HD0202L-High-Density.php)

Physical Properties	Metric	English	Comments
Density	0.952 g/cc	0.0344 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.018 cm/cm	0.018 in/in	MD; ASTM D955
Melt Flow	5.0 g/10 min	5.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	50	50	ASTM D785
Tensile Strength at Break	16.0 MPa	2320 psi	ASTM D638
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM D638
Elongation at Break	550 %	550 %	ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Tensile Modulus	1.00 GPa	145 ksi	ASTM D638
Flexural Strength	21.0 MPa	3050 psi	ASTM D790
Flexural Modulus	0.800 GPa	116 ksi	ASTM D790
Izod Impact, Notched	1.39 J/cm	2.60 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	77.8 °C	172 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	43.9 °C	111 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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