

## Aclo Accucomp Polyethylene LD0102L Low Density

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Molded

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aclo-Accucomp-Polyethylene-LD0102L-Low-Density.php](http://www.lookpolymers.com/polymer_Aclo-Accucomp-Polyethylene-LD0102L-Low-Density.php)

Physical Properties	Metric	English	Comments
Density	0.924 g/cc	0.0334 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.013 cm/cm	0.013 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	46	46	ASTM D785
Tensile Strength at Break	14.0 MPa	2030 psi	ASTM D638
Tensile Strength, Yield	14.0 MPa	2030 psi	ASTM D638
Elongation at Break	>= 500 %	>= 500 %	ASTM D638
Elongation at Yield	>= 400 %	>= 400 %	ASTM D638
Tensile Modulus	0.297 GPa	43.1 ksi	ASTM D638
Flexural Strength	9.03 MPa	1310 psi	ASTM D790
Flexural Modulus	0.300 GPa	43.5 ksi	ASTM D790
Izod Impact, Notched	NB	NB	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	42.8 °C	109 °F	ASTM D648

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

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