

Aaron Industries AVPE LD 300-1 MELT 20 Virgin Polyethylene

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

Material Notes:

A natural, high flow Low Density Polyethylene resin, specifically designed for high speed injection molding applications.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aaron-Industries-AVPE-LD-300-1-MELT-20-Virgin-Polyethylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.925 g/cc	0.925 g/cc	ASTM D792
Linear Mold Shrinkage	0.015 cm/cm	0.015 in/in	ASTM D955
Melt Flow	20 g/10 min @Load 5.00 kg, Temperature 190 °C	20 g/10 min @Load 11.0 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	10.3 MPa	1500 psi	ASTM D638
Tensile Strength, Yield	8.96 MPa	1300 psi	ASTM D638
Izod Impact, Notched	NB	NB	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	72.8 °C	163 °F	ASTM D648

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