

Aaron Industries AAROLENE® ARPE LD 300-1 Low Density Polyethylene Compounded Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

Material Notes:

AAROLENE® ARPE 300 Series Polyethylene Compounded Resin LDPE Color may be specified. Melt Flow Index may be specified. Specific Gravity may be specified.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aaron-Industries-AAROLENE-ARPE-LD-300-1-Low-Density-Polyethylene-Compounded-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 - 0.926 g/cc	0.920 - 0.926 g/cc	ASTM D792
Linear Mold Shrinkage	0.015 cm/cm	0.015 in/in	ASTM D955
Melt Flow	2.0 - 50 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 - 50 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength	20.0 MPa	2900 psi	ASTM D638
Flexural Modulus	0.290 GPa	42.0 ksi	ASTM D790
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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