

Aaron Industries AAROLENE® ARPE LD 300-1 LDPE Black Low Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Sheet/Profile extrusions

Material Notes:

AAROLENE® ARPE 300 Series Polyethylene Compounded Resin, LDPE Black Features: A compounded LDPE, black, low melt resin specifically designed for all profile extrusion applications.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM D792
Linear Mold Shrinkage	0.015 cm/cm	0.015 in/in	ASTM D955
Melt Flow	6.0 g/10 min	6.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength	11.0 MPa	1600 psi	ASTM D638
Flexural Modulus	1.65 GPa	240 ksi	ASTM D790
Izod Impact, Notched	NB	NB	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	82.2 °C	180 °F	ASTM D648

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