

Aaron Industries AAROLENE® ARPE HD 300-2 Black Crate High Density Polyethylene Compounded Resin, Crate Grade

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

Material Notes:

AAROLENE® ARPE 300 Series Polyethylene Compounded Resin HDPE, Black Crate Grade Features: A high density Polyethylene compound, pre-colored black, specifically designed for all crate applications.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aaron-Industries-AAROLENE-ARPE-HD-300-2-Black-Crate-High-Density-Polyethylene-Compounded-Resin-Crate-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.953 g/cc	0.953 g/cc	ASTM D792
Linear Mold Shrinkage	0.015 cm/cm	0.015 in/in	ASTM D955
Melt Flow	7.0 g/10 min	7.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.9 MPa	3900 psi	ASTM D638
Flexural Modulus	0.814 GPa	118 ksi	ASTM D790
Izod Impact, Notched	1.60 J/cm	3.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	76.7 °C	170 °F	ASTM D648

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