

Aaron Industries AAROLENE® ARPP H 200-1 PP Black Polypropylene Homopolymer Compounded Resin

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

AAROLENE® ARPP 200 Series Polypropylene Compounded Resin Features: A pre-colored, black homopolymer polypropylene resin specifically designed for all injection molding applications. High Flow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aaron-Industries-AAROLENE-ARPP-H-200-1-PP-Black-Polypropylene-Homopolymer-Compounded-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Linear Mold Shrinkage	0.022 cm/cm	0.022 in/in	ASTM D955
Melt Flow	30 g/10 min @Load 2.16 kg, Temperature 230 °C	30 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	35.2 MPa	5100 psi	ASTM D638
Flexural Modulus	1.38 GPa	200 ksi	ASTM D790
Izod Impact, Notched	0.320 J/cm	0.600 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 °C	230 °F	ASTM D648

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