

Aaron Industries AAROLENE® ARPS HI 100-3 Polystyrene Compounded Resin

Category : Polymer , Thermoplastic , Polystyrene (PS)

Material Notes:

AAROLENE® ARPS 100 Series Polystyrene Compounded Resin Color may be specified. Melt Flow Index may be specified.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aaron-Industries-AAROLENE-ARPS-HI-100-3-Polystyrene-Compounded-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	ASTM D955
Melt Flow	3.0 - 12 g/10 min @Load 5.00 kg, Temperature 200 °C	3.0 - 12 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength	34.2 MPa	4960 psi	ASTM D638
Flexural Modulus	2.12 GPa	308 ksi	ASTM D790
Izod Impact, Notched	0.801 - 1.07 J/cm	1.50 - 2.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	107 °C	225 °F	ASTM D648

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