

Aaron Industries AAROPRENE® AEPC 5000-1 Engineered Polycarbonate Resin

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

Melt flow index may be specified.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aaron-Industries-AAROPRENE-AEPC-5000-1-Engineered-Polycarbonate-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D792
Linear Mold Shrinkage	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	ASTM D955
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength	60.0 MPa	8700 psi	ASTM D638
Flexural Modulus	2.45 GPa	356 ksi	ASTM D790
Izod Impact, Notched	7.47 J/cm	14.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	129 °C	265 °F	ASTM D648

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