

Aaron Industries AAROPRENE® GFIPP 2040 High Impact Glass Filled Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Glass Reinforced, Impact Modified

Material Notes:

AAROPRENE® GFIPP 2000 Series Reinforced Compounds Melt flow index may be specified. Color may be specified.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aaron-Industries-AAROPRENE-GFIPP-2040-High-Impact-Glass-Filled-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	ASTM D792
Filler Content	40 %	40 %	Glass; ASTM D2584
Linear Mold Shrinkage	0.0016 cm/cm	0.0016 in/in	ASTM D955
Melt Flow	8.0 - 12 g/10 min @Load 2.16 kg, Temperature 230 °C	8.0 - 12 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength	74.5 MPa	10800 psi	ASTM D638
Flexural Modulus	5.93 GPa	860 ksi	ASTM D790
Izod Impact, Notched	0.747 J/cm	1.40 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	164 °C	328 °F	ASTM D648

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