

Aaron Industries AAROPRENE® GFPP 2020 Glass Filled Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Glass Fiber Filler

Material Notes:

AAROPRENE® GFPP 2000 Series Glass 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-GFPP-2020-Glass-Filled-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	ASTM D792
Filler Content	20 %	20 %	Glass; ASTM D2584
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 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	44.8 MPa	6500 psi	ASTM D638
Flexural Modulus	3.07 GPa	445 ksi	ASTM D790
Izod Impact, Notched	0.641 J/cm	1.20 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	142 °C	288 °F	ASTM D648

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