

Aaron Industries AAROPRENE® TFIPP 2020 High Impact Talc Filled Polypropylene

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

Material Notes:

AAROPRENE® TFIPP 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-TFIPP-2020-High-Impact-Talc-Filled-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Filler Content	20 %	20 %	Talc; ASTM D2584
Linear Mold Shrinkage	0.012 cm/cm	0.012 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	29.0 MPa	4200 psi	ASTM D638
Flexural Modulus	2.14 GPa	310 ksi	ASTM D790
Izod Impact, Notched	0.667 J/cm	1.25 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	115 °C	239 °F	ASTM D648

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