

**Aaron Industries AAROPRENE® TFPP 2010 Talc Filled Polypropylene**

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% Talc Filler

**Material Notes:**

AAROPRENE® TFPP 2000 Series Talc 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-TFPP-2010-Talc-Filled-Polypropylene.php](http://www.lookpolymers.com/polymer_Aaron-Industries-AAROPRENE-TFPP-2010-Talc-Filled-Polypropylene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 g/cc	0.970 g/cc	ASTM D792
Filler Content	10 %	10 %	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	2.00 GPa	290 ksi	ASTM D790
Izod Impact, Notched	0.374 J/cm	0.700 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	116 °C	240 °F	ASTM D648

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