

Samsung Cheil Industries Infino® XI-2008F PPS/PPA, Mineral Filled

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS) , Polyphthalamide (PPA)

Material Notes:

Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Infino-XI-2008F-PPSPPA-Mineral-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.18 g/cc	2.18 g/cc	ASTM D792
Water Absorption	10 % @Temperature 23.0 °C	10 % @Temperature 73.4 °F	ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	29.4 MPa	4270 psi	5 mm/min; ASTM D638
Flexural Strength	58.8 MPa	8530 psi	2.8 mm/min; ASTM D638
Flexural Modulus	10.8 GPa	1560 ksi	2.8 mm/min; ASTM D638
Izod Impact, Notched	0.196 J/cm @Thickness 3.17 mm	0.367 ft-lb/in @Thickness 0.125 in	ASTM D256

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