

Samsung Cheil Industries Infino[®] XP-4240 PPS/PPA

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-XP-4240-PPSPPA.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.55 g/cc	1.55 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	120	120	ASTM D785
Tensile Strength, Yield	127 MPa	18500 psi	5 mm/min; ASTM D638
Flexural Strength	157 MPa	22800 psi	2.8 mm/min; ASTM D638
Flexural Modulus	11.8 GPa	1710 ksi	2.8 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	270 Â°C @Thickness 6.40 mm	518 Â°F @Thickness 0.252 in	ASTM D648
Flammability, UL94	V-0 @Thickness 0.800 - 3.00 mm	V-0 @Thickness 0.0315 - 0.118 in	

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