

Pyramid™ PPS SE2000

Polyphenylene Sulfide

Polymics, Ltd.

Message:

Pyramid™ PPS SE2000 is a Polyphenylene Sulfide (PPS) product. It is available in North America.

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Water Absorption (23°C, 24 hr)	0.020	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	86		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4000	MPa	ASTM D638
Tensile Strength (Break)	90.3	MPa	ASTM D638
Tensile Elongation (Break)	8.0	%	ASTM D638
Flexural Modulus	4200	MPa	ASTM D790
Flexural Strength (Yield)	138	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	20	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	90.0	°C	DSC
Melting Temperature	280	°C	DSC
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+11	ohms·cm	ASTM D257
Dissipation Factor (1 Hz)	1.1E-3		ASTM D150

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