

Generic PPS - Organic

Polyphenylene Sulfide

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic PPS - Organic
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Organic		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.78 to 2.12	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow : 23°C	0.20	%	
Across Flow : 23°C	0.30 to 0.40	%	
Water Absorption (23°C, 24 hr)	0.020 to 0.030	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	57.0 to 102	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	0.40 to 0.70	%	ASTM D638
Flexural Modulus (23°C)	15300 to 30000	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	110 to 216	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	35 to 70	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (23°C)	1.0 to 1.0E+16	ohms·cm	ASTM D257

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