

Thermec™ 2950

Polyphenylene Sulfide
Technical Polymers, LLC

Message:

Thermec™2950 is a polyphenylene sulfide (PPS) material. This product is available in North America and is processed by extrusion or injection molding. Thermec™The main characteristics of the 2950 are: flame retardant/rated flame.

General Information			
Appearance	Clear/transparent		
	Natural color		
Forms	Particle		
Processing Method	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	93.1	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	75	%	ASTM D638
Flexural Modulus (23°C)	2760	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	199	°C	ASTM D648
Melting Temperature	225	°C	DSC
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Additional Information			
Tensile Elongation, ASTM D638: >75%Volum Resistivity, ASTM D257: >1e15 ohm-cm			
Injection	Nominal Value	Unit	
Drying Temperature	143 - 160	°C	
Drying Time	4.0 - 6.0	hr	
Processing (Melt) Temp	321 - 349	°C	
Mold Temperature	149 - 160	°C	

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Recommended distributors for this material

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