

Thermec™ 6250RMC65

Polyphenylene Sulfide
Technical Polymers, LLC

Message:

Thermec™6250RMC65 is a polyphenylene sulfide (PPS) material containing 65% glass \mineral. This product is available in North America and is processed by injection molding. Thermec™The main characteristics of 6250RMC65 are: flame retardant/rated flame.

General Information			
Filler / Reinforcement	Glass \mineral, 65% filler by weight		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.95	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	128	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	1.0	%	ASTM D638
Flexural Modulus (23°C)	18600	MPa	ASTM D790
Flexural Strength (23°C)	207	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	270	°C	ASTM D648
Melting Temperature	280	°C	DSC
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+13	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Additional Information			
Volum Resistivity, ASTM D257: > 1e13 ohm-cm			
Injection	Nominal Value	Unit	
Drying Temperature	135 - 149	°C	
Drying Time	3.0 - 4.0	hr	
Processing (Melt) Temp	316 - 343	°C	
Mold Temperature	135 - 149	°C	

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Recommended distributors for this material

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