

Pyramid™ PI220

Aromatic Polyimide

Polymics, Ltd.

Message:

Aromatic Polyimide, 40% Graphite Filler

General Information			
Filler / Reinforcement	Graphite Powder,40% Filler by Weight		
Appearance	Dark Green		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.63	g/cm ³	ASTM D792
Water Absorption (23°C, 24 hr)	0.10	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	52.0	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	4800	MPa	ASTM D790
Flexural Strength	90.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	380	°C	ASTM D648
CLTE - Flow	3.8E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94

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Recommended distributors for this material

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