



Pyramid™ PI220

Aromatic Polyimide, 40% Graphite Filler

General	ASTM No.	US Value	SI Unit
Form	---	Dark Green Powder	
Specific Gravity	D792	1.63	
Water Absorption (24hr. @ 23 °C, %)	D570	0.1%	
Mechanical			
Tensile Strength	D638	7.5 Kpsi	52 MPa
Tensile Elongation (Break), %	D638	3%	
Flexural Strength	D790	13 Kpsi	90 Mpa
Flexural Modulus	D790	0.7 Mpsi	4.8 Gpa
Thermal			
CLTE, linear $\mu\text{in/in} - ^\circ\text{F} (<T_g)$	D696	21	38 $\mu\text{m/m} - ^\circ\text{C}$
HDT@ 264 psi, $^\circ\text{F}$	D648	716 $^\circ\text{F}$	380 $^\circ\text{C}$
Flammability Rating	UL-94	V-0	

This information and all further technical advice are based Polymics' present knowledge and experience. However, neither Polymics Ltd nor any of its affiliates makes any warranty, express or implied, including merchantability or fitness for use, or accepts any liability in connection with this information or its use. This information is for use by technically skilled persons at their own discretion and risk and does not relate to the use of this product in combination with any other substance or any other process. This is not a license under any patent or other proprietary right. The use of this product resides on the determination of the customer not Polymics Ltd. The customer must determine suitability of any information or material for any contemplated use, the manner of use and whether any patents are infringed. This information gives typical properties only and is not to be used for specification purposes. Polymics reserves the right to make additions, deletions, or modifications to the information at any time without prior notification

*Polymics • 2215 High Tech Rd. • State College • PA 16803 USA • TEL: (814) 357-5860
1006 Guangfu Rd. • Bade City • Taoyuan 33455 Taiwan • TEL: 886 (3) 339-8000*