

Pyramid™ II210

PEI

Polymics, Ltd.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	4100	MPa	ASTM D 638
Tensile Strength	75.9	MPa	ASTM D 638
Elongation at Break	5	%	ASTM D 638
Flexural Modulus	3400	MPa	ASTM D 790
Flexural Strength	103	MPa	ASTM D 790
Rockwell Hardness	R 120	-	ASTM D 785
Izod Impact notched, 1/8 in	70	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Coefficient of Thermal Expansion, MD	36	E-6/K	ASTM D 696
DTUL @ 264 psi	210	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	1.4	%	ASTM D 570
Density	1400	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets, Black

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Anti-static