

**Pyramid™ II2150**

PEI-GF30

Polymics, Ltd.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Modulus	<b>5500</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>120</b>	MPa	ASTM D 638
Elongation at Break	<b>3</b>	%	ASTM D 638
Flexural Modulus	<b>5850</b>	MPa	ASTM D 790
Rockwell Hardness	<b>M 114</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>54</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
DTUL @ 264 psi	<b>210</b>	°C	ASTM D 648
<b>Other Standards<sup>[S]</sup></b>			
Thermal Conductivity, solid state	<b>0.0324</b>	W/(m K)	ASTM E 433

S: These properties are reported by the producer according standards that are different to our defaults.

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Dielectric Strength, Short Time	<b>30.3</b>	kV/mm	ASTM D 149

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water Absorption, 24hr	<b>0.18</b>	%	ASTM D 570
Density	<b>1510</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Pellets

**Regional Availability**

North America, Europe, Asia Pacific