

**Pyramid™ SE2250**

PPS-CF30

Polymics, Ltd.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Modulus	<b>25000</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>195</b>	MPa	ASTM D 638
Elongation at Break	<b>0.8</b>	%	ASTM D 638
Flexural Modulus	<b>28000</b>	MPa	ASTM D 790
Flexural Strength	<b>265</b>	MPa	ASTM D 790
Shore D Hardness	<b>90</b>	-	ASTM D 2240
Izod Impact notched, 1/8 in	<b>50</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melting Temperature	<b>280</b>	°C	ASTM D 3418
Glass Transition Temperature	<b>90</b>	°C	ASTM E 1356

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water Absorption, 24hr	<b>0.01</b>	%	ASTM D 570
Density	<b>1450</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Regional Availability**

North America, Europe, Asia Pacific