

**Pyramid™ KD2530-NT**  
(PEEK+PTFE)

Polymics, Ltd.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Modulus	<b>3172</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>79.3</b>	MPa	ASTM D 638
Elongation at Break	<b>15</b>	%	ASTM D 638
Flexural Modulus	<b>3448</b>	MPa	ASTM D 790
Shore D Hardness	<b>84</b>	-	ASTM D 2240
Izod Impact notched, 1/8 in	<b>42.7</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>171</b>	°C	ASTM D 648
Melting Temperature	<b>343</b>	°C	ASTM D 3418
Glass Transition Temperature	<b>143</b>	°C	ASTM E 1356

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water Absorption, 24hr	<b>0.1</b>	%	ASTM D 570
Density	<b>1420</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics**

**Delivery form**

Pellets

**Regional Availability**

North America, Europe, Asia Pacific

**Additives**

Lubricants