

**OXPEKK-IG220BS**

PEKK-Z20

Oxford Performance Materials

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.014</b>	mm/mm	ASTM D 955

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Modulus	<b>4978</b>	MPa	ASTM D 638
Tensile Strength at Yield	<b>110</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>89.6</b>	MPa	ASTM D 638
Elongation at Yield	<b>4</b>	%	ASTM D 638
Elongation at Break	<b>7</b>	%	ASTM D 638
Flexural Modulus	<b>5240</b>	MPa	ASTM D 790

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melting Temperature	<b>364</b>	°C	ASTM D 3418
Glass Transition Temperature	<b>160</b>	°C	ASTM E 1356

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1920</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Features**

High Crystallinity

**Regional Availability**

North America

**Applications**

Medical