

OXPEKK® IG220BS

Polyetherketoneketone

Oxford Performance Materials, Inc.

Message:

OXPEKK® IG220BS is a Polyetherketoneketone (PEKK) material filled with 20% barium sulfate. It is available in Europe or North America. Primary attribute of OXPEKK® IG220BS : Crystalline.

General Information			
Filler / Reinforcement	Barium Sulfate,20% Filler by Weight		
Features	Crystalline		
Appearance	Beige		
Forms	Preformed Parts		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.92	g/cm ³	ASTM D792
Molding Shrinkage - Flow	< 1.4	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4980	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	110	MPa	
Break	89.6	MPa	
Tensile Elongation			ASTM D638
Yield	4.0	%	
Break	7.0	%	
Flexural Modulus	5240	MPa	ASTM D790
Flexural Strength (5.0% Strain)	234	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	160	°C	DSC
Melting Temperature	364	°C	DSC

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Recommended distributors for this material

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