

OXPEKK® SP

Polyetherketoneketone

Oxford Performance Materials, Inc.

Message:

OXPEKK® SP is a Polyetherketoneketone (PEKK) material. It is available in Europe or North America. Primary attribute of OXPEKK® SP: Sterilizable.
Typical application of OXPEKK® SP: Medical/Healthcare

General Information			
Features	Ethylene Oxide Sterilizable		
	Radiation Sterilizable		
	Steam Sterilizable		
Agency Ratings	ISO 10993		
	USP Class VI		
Forms	Fiber 2		
Physical	Nominal Value	Unit	
Specific Gravity	1.28	g/cm ³	
Water Absorption (24 hr, 0.150 mm)	< 0.20	%	
Mechanical	Nominal Value	Unit	
Tensile Modulus (0.150 mm)	7710	MPa	
Tensile Strength (Break, 0.150 mm)	586	MPa	
Tensile Elongation (Break, 0.150 mm)	14	%	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	155	°C	DSC
Melting Temperature	307	°C	
Additional Information	Nominal Value	Unit	
Diameter	176.0	µm	
Fiber Diameter	75.0 to 250.0	µm	
Peak Load (150.0 µm)	14	N	
Peak Stress (150.0 µm)	569	MPa	

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Recommended distributors for this material

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