



ZYEX™ PEEK Fine Monofilament

General Information

Product Description

Semi crystalline PolyEtherEtherKetone (PEEK), continuos filament for weaving, braiding, knitting, twisting, co-mingling and texturizing.

- FDA Food Contact Compliant.
- RoHS Compliant

Typical Application Space:

- Filter Fabrics, Mechanical Scrim

Colour Options:

- Natural and Black

Surface Treatment Options:

- Spin Oil, Dry

Presentation (Spool Type):

- Cardboard tube

Material Properties

Physical	Nominal Value	Unit
Density	1.31	g/cm ³
Linear Density nominal	40.0 to 100	
Filament Type	Fully Drawn	
Filament Count	1	
Filament Diameter approximate individual	0.0500 to 0.100	mm
Shrinkage Constrained, 1 min (200°C)	1.0 to 6.0	%
Mechanical	Nominal Value	Unit
Tensile Modulus at 2% strain	500 to 600	cN/tex
Tensile Strength at Break	30.0 to 60.0	cN/tex
Tensile Elongation at Break	20.0 to 45.0	%
Thermal	Nominal Value	Unit
Continuous Use Temperature	250	°C
Glass Transition Temperature		ISO 11357
Onset	143	°C
Midpoint	150	°C
Melting Temperature	343	°C
		ISO 11357

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