

DynaPath™ 3230-CF

Polyetheretherketone

Polymer Dynamix

Message:

30% Carbon Fiber Filled Polyetheretherketone (PEEK)

Features:

Conductive

Good Dimensional Stability

Excellent Processability

Applications:

Aerospace

Industrial

Electrical/Electronic Applications

General Information	
Filler / Reinforcement	Carbon Fiber,30% Filler by Weight
Features	Conductive
	Good Dimensional Stability
	Good Processability
Uses	Aerospace Applications
	Electrical/Electronic Applications
	Industrial Applications

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	210	MPa	ASTM D638
Tensile Elongation (Break)	1.7	%	ASTM D638
Flexural Modulus	17900	MPa	ASTM D790
Flexural Strength	324	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	59	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+5	ohms	ASTM D257
Volume Resistivity	< 1.0E+5	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.59 mm)	V-0		UL 94

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