

DynaMix™ 3244-G

Polyetheretherketone

Polymer Dynamix

Message:

Modified PEEK
Features:
Excellent Chemical Resistance
Excellent Processability
Good Dimensional Stability
Low Density
Applications:
Gears and Bearings
Small Appliances
Industrial

General Information	
Filler / Reinforcement	Glass Fiber
Features	Good Chemical Resistance
	Good Dimensional Stability
	Good Processability
	Low Density
Uses	Appliances
	Bearings
	Gears
	Industrial Applications

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.46	g/cm ³	ASTM D792
Water Absorption (24 hr)	0.10	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8960	MPa	ASTM D638
Tensile Strength (Yield)	152	MPa	ASTM D638
Tensile Elongation (Break)	2.5	%	ASTM D638
Flexural Modulus	9650	MPa	ASTM D790
Flexural Strength	241	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	59	J/m	ASTM D256

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