

DynaMix™ 2044-GB

Polyamide

Polymer Dynamix

Message:

Glass Bead Filled Nylon
Features:
Excellent Chemical Resistance
Low Density
Good Dimensional Stability
Excellent Processability
Applications:
Automotive
Small Appliances
Industrial

General Information	
Filler / Reinforcement	Glass Bead
Features	Good Chemical Resistance
	Good Dimensional Stability
	Good Processability
	Low Density
Uses	Appliance Components
	Appliances
	Automotive Applications
	Industrial Applications

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Water Absorption (24 hr)	2.5	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4760	MPa	ASTM D638
Tensile Strength (Yield)	82.7	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	5170	MPa	ASTM D790
Flexural Strength	124	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	80	J/m	ASTM D256

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