

# DynaMix™ 2044-SGB-D

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	1.39	g/cm <sup>3</sup>	ASTM D792
Water Absorption (24 hr)	0.20	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5520	MPa	ASTM D638
Tensile Strength (Yield)	82.7	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	5690	MPa	ASTM D790
Flexural Strength	145	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	69	J/m	ASTM D256

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