

DynaMix™ 5544-G

Polyamide

Polymer Dynamix

Message:

Dimensionally Stable Glass Filled Nylon

Features:

Excellent Chemical Resistance

Excellent Processability

Good Dimensional Stability

Low Density

Applications:

Metal Replacement

Industrial

General Information	
Filler / Reinforcement	Glass Fiber
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	1.35	g/cm ³	ASTM D792
Water Absorption (24 hr)	0.20	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	11000	MPa	ASTM D638
Tensile Strength (Yield)	179	MPa	ASTM D638
Tensile Elongation (Break)	2.1	%	ASTM D638
Flexural Modulus	11000	MPa	ASTM D790
Flexural Strength	241	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	53	J/m	ASTM D256

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