

# DynaMix™ 2944-G

Polyphenylsulfone

Polymer Dynamix

Message:

- Glass Filled PPSU
- Features:
  - Excellent Chemical Resistance
  - Low Density
  - Good Dimensional Stability
  - Excellent Processability
- 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	Appliance Components
	Appliances
	Automotive Applications
	Industrial Applications

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm <sup>3</sup>	ASTM D792
Water Absorption (24 hr)	0.20	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6890	MPa	ASTM D638
Tensile Strength (Yield)	138	MPa	ASTM D638
Tensile Elongation (Break)	2.2	%	ASTM D638
Flexural Modulus	6890	MPa	ASTM D790
Flexural Strength	138	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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