

# EverGlide® SG3212

Polyetheretherketone

Polymer Dynamix

Message:

Lubricated PEEK  
Features:  
Excellent Chemical Resistance  
Low Temperature Flexibility  
Excellent Processability  
Applications:  
Automotive  
Aerospace  
Industrial

General Information	
Additive	Lubricant
Features	Good Chemical Resistance
	Good Processability
	Low Temperature Flexibility
	Lubricated
Uses	Aerospace Applications
	Automotive Applications
	Industrial Applications

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	51.7	MPa	
Break	37.9	MPa	
Tensile Elongation			ASTM D638
Yield	9.0 to 10	%	
Break	> 75	%	
Flexural Modulus	1210	MPa	ASTM D790
Flexural Strength	62.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	190 to 240	J/m	ASTM D256

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