

EverGlide® SG3220

Polyetheretherketone

Polymer Dynamix

Message:

Lubricated PEEK

Features:

Excellent Flow Properties

Good Dimensional Stability

Excellent Toughness Applications

Applications:

Automotive

Small Appliances

Industrial

General Information			
Additive	Lubricant		
Features	Good Dimensional Stability		
	Good Flow		
	Good Toughness		
	Lubricated		
Uses	Appliance Components		
	Appliances		
	Automotive Applications		
	Industrial Applications		
Processing Method	Injection Molding		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	72.4	MPa	
Break	60.0	MPa	
Tensile Elongation			ASTM D638
Yield	9.0	%	
Break	> 30	%	
Flexural Modulus	2480	MPa	ASTM D790
Flexural Strength	96.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	110	J/m	ASTM D256
Injection	Nominal Value	Unit	
Drying Temperature	121 to 149	°C	
Drying Time	3.0 to 5.0	hr	
Rear Temperature	332 to 360	°C	
Middle Temperature	338 to 366	°C	

Front Temperature	343 to 382	°C
Nozzle Temperature	343 to 382	°C
Processing (Melt) Temp	343 to 382	°C
Mold Temperature	177 to 204	°C
Injection Rate	Moderate-Fast	
Screw Speed	40 to 70	rpm
Clamp Tonnage	5.5 to 8.3	kN/cm ²

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