

# 4POM® 23I15200

Acetal (POM) Homopolymer

4Plas

Message:

4POM 23I15200 is a MFI 9 Silicone Lubricated POM

General Information			
Additive	Silicone lubricant		
Features	Lubrication		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm <sup>3</sup>	ISO 1183
Water Absorption <sup>1</sup> (Equilibrium, 23°C, 50% RH)	0.20	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2900	MPa	ISO 527-2/5
Tensile Stress (Break, 23°C)	66.0	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	25	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	7.0	kJ/m <sup>2</sup>	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	156	°C	ISO 75-2/B
Melting Temperature <sup>2</sup>	166	°C	ISO 11357
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	100 - 120	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	180 - 220	°C	
Mold Temperature	60.0 - 100	°C	
Injection Rate	Moderate-Fast		
Holding Pressure	80.0 - 100	MPa	
Screw Speed	300	rpm	
Injection instructions			
Feed Throat Temperature: 30 - 50 °C Back Pressure: Low			
NOTE			
1.	24 Hrs		
2.	10 K/min		

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Recommended distributors for this material

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