

GLS Acetal UN02

Acetal (POM) Copolymer

GLS Polymers Pvt. Ltd.

Message:

POM UV RED

General Information			
Features	Good UV Resistance		
Appearance	Red		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40 to 1.42	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	> 10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	60.0 to 68.0	MPa	ASTM D638
Tensile Elongation (Break)	12 to 18	%	ASTM D638
Flexural Modulus	2700 to 3100	MPa	ASTM D790
Flexural Strength ²	88.0 to 100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	90 to 110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	112 to 116	°C	ASTM D648
Vicat Softening Temperature	165 to 170	°C	ASTM D1525
Flammability	Nominal Value	Test Method	
Flame Rating (3.00 mm)	HB	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	182 to 215	°C	
Mold Temperature	78.0 to 106	°C	
Injection Pressure	69.0 to 102	MPa	
NOTE			
1.	50 mm/min		
2.	2.0 mm/min		

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