

GLS Acetal VG59

Acetal (POM) Copolymer

GLS Polymers Pvt. Ltd.

Message:

Acetal 25 GF

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Appearance	Colors Available		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36 to 1.76	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	> 5.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.50 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	62.0 to 66.0	MPa	ASTM D638
Flexural Modulus	4000 to 4200	MPa	ASTM D790
Flexural Strength ²	80.0 to 85.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	40 to 60	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	159	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	2.0 mm/min		

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