

Hostaform® XGC15-LW01

Acetal (POM) Copolymer

Celanese Corporation

Message:

Hostaform® XGC15-LW01 is an injection molding grade reinforced with approx. 25% glass fibers and tribological modification for sliding applications requiring low friction and wear.

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Features	Copolymer		
	Good Wear Resistance		
	Low Friction		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.46	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/5.0 kg)	1.10	cm³/10min	ISO 1133
Molding Shrinkage			ISO 294-4
Across Flow	0.95	%	
Flow	1.1	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5400	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	105	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	3.8	%	ISO 527-2/1A/5
Flexural Modulus (23°C)	5100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.5	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	50	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	160	°C	ISO 75-2/A
Melting Temperature ¹	166	°C	ISO 11357-3
NOTE			
1.	10°C/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

