

SCHULAMID® 6 GB 15 LS

Polyamide 6
A. Schulman Europe

Message:
15% glass bead reinforced Polyamide 6 compound, UV-stabilized

General Information				
Filler / Reinforcement		Glass Bead,15% Filler by Weight		
Processing Method		Injection Molding		
Resin ID (ISO 1043)		PA6-GB		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.23	--	g/cm ³	ISO 1183/A
Viscosity Number	145	--	cm ³ /g	ISO 307
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	3400	950	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	72.0	42.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	9.0	> 50	%	ISO 527-2/1A/5
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	3.5	--	kJ/m ²	
23°C	5.0	16	kJ/m ²	
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	26	--	kJ/m ²	
23°C	45 kJ/m ²	No Break		
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, Unannealed	165	--	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	60.0	--	°C	ISO 75-2/Af
Vicat Softening Temperature				
--	210	--	°C	ISO 306/A50
--	192	--	°C	ISO 306/B50

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

