

SCHULAMID® 6 GBF 3310 HI H LS

Polyamide 6
A. Schulman Europe

Message:
33% glass fibre and glass bead reinforced PA 6; impact modified, heat and UV stabilized

General Information				
Filler / Reinforcement		Micro glass bead \glass fiber, 33% filler by weight		
Processing Method		Injection molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.36	--	g/cm ³	ISO 1183/A
Viscosity Number	148	--	cm ³ /g	ISO 307
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	5400	2550	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	93.0	51.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	4.5	15	%	ISO 527-2/1A/5
Flexural Modulus ¹	4600	--	MPa	ISO 178
Flexural Stress ²				ISO 178
3.5% strain	130	--	MPa	ISO 178
5.5% strain	145	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	8.8	--	kJ/m ²	ISO 179/1eA
23°C	14	24	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	68	--	kJ/m ²	ISO 179/1eU
23°C	70	95	kJ/m ²	ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, not annealed	205	--	°C	ISO 75-2/Bf
1.8 MPa, not annealed	170	--	°C	ISO 75-2/Af
Vicat Softening Temperature	206	--	°C	ISO 306/B50
Additional Information				
干燥				
1.)				
Not for use in food contact applications2.)				
Not for use in medical or pharmaceutical applications				
NOTE				

1.	2.0 mm/min
2.	2.0 mm/min

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