

SCHULAMID® XT 200 GF 50 NATURAL

Polyamide 66
A. Schulman Europe

Message:
50% glassfiber reinforced Polyamide 66 for high temperature applications

General Information				
Filler / Reinforcement		Glass fiber reinforced material, 50% filler by weight		
Processing Method		Injection molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.59	--	g/cm ³	ISO 1183/A
Hardness	Dry	Conditioned	Unit	Test Method
Ball Indentation Hardness (H 931/30)	320	--	MPa	ISO 2039-1
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	17500	10000	MPa	ISO 527-2/1
Tensile Stress (Break)	230	160	MPa	ISO 527-2/5
Tensile Strain (Break)	3.0	6.0	%	ISO 527-2/5
Flexural Modulus	15000	--	MPa	ISO 178
Flexural Stress ¹				ISO 178
3.5% strain	350	--	MPa	ISO 178
3.6% strain	350	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				
-30°C	13	--	kJ/m ²	ISO 179/1eC
23°C	15	20	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	90	--	kJ/m ²	ISO 179/1eU
23°C	95 kJ/m ²	No Break		ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, not annealed	227	--	°C	ISO 75-2/B
1.8 MPa, not annealed	209	--	°C	ISO 75-2/A
Additional Information				
干燥				
1.)				
Not for use in food contact applications2.)				
Not for use in medical or pharmaceutical applications				
NOTE				

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