Technical Data Sheet

Schulamid B 66 GF 30 NT BLACK

Polyamide 66

Product Description

30 % glass fibre reinforced PA 66, industrial quality

Processing Method	Injection Molding
Filler/Reinforcement	Glass Fiber, 30%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density, (Method A)	1.36	g/cm³	ISO 1183
Viscosity Number	145	cm³/g	ISO 307
Mechanical			
Tensile Strain at Break, (Type 1A, 5 mm/min)	2.5	%	ISO 527-2
Tensile Stress at Break, (Type 1A, 5 mm/min)	145	MPa	ISO 527-2
Tensile Modulus, (1 mm/min, Type 1A)	10000	MPa	ISO 527-1
Impact			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	6.0	kJ/m²	ISO 179
Charpy Impact Strength - Unnotched, (23 °C, Type 1, Edgewise)	60	kJ/m²	ISO 179
Thermal			
Vicat Softening Temperature, (B (50N), 50 °C/h)	>235	°C	ISO 306
Deflection Temperature Under Load Unannealed (1.80 MPa), (Flatwise)	245	°C	ISO 75-2/A
Electrical			
Surface Resistivity	>1.0E+15	ohm	IEC 60093
Flammable			
Burning Rate			
(2.00 mm)	40	mm/min	FMVSS 302
(2.00 mm)	40	mm/min	ISO 3795
UL Information			
Flammability Classification, (1.5 mm)	HB		IEC 60695-11-10, -20