Technical Data Sheet

Schulamid 66/6 GBF 3515 C BLACK 968001

Polyamide 66/6 Copolymer

Product Description

40% glass fibre and glass bead reinforced PA 66/6

Processing Method	Injection Molding
Filler/Reinforcement	Glass Bead\Glass Fiber, 40%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density, (Method A)	1.42	g/cm³	ISO 1183
Mechanical			
Tensile Strain at Break, (Type 1A, 5 mm/min)	3.0	%	ISO 527-2
Tensile Stress at Break, (Type 1A, 5 mm/min)	130	MPa	ISO 527-2
Tensile Modulus, (1 mm/min, Type 1A)	7500	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)	40	kJ/m²	ISO 179
Thermal			
Deflection Temperature Under Load Unannealed (0.45 MPa), (Flatwise)	237	°C	ISO 75-2/B
Deflection Temperature Under Load Unannealed (1.80 MPa), (Flatwise)	218	°C	ISO 75-2/A
Electrical			
Volume Resistivity	>1.0E+13	ohm*m	IEC 62631-3-1
- Conditioned	10000000000	ohm*m	IEC 62631-3-1
Surface Resistivity	>1.0E+15	ohm	IEC 60093
Flammable			
Burning Rate			
(2.00 mm)	<100	mm/min	FMVSS 302
(2.00 mm)	<100	mm/min	ISO 3795

Injection Parameters	Nominal Value	Units
Drying Temperature	80	°C