

Technical Data Sheet

Schulamid 66 GF 33 H RN-31 BLACK



Polyamide 66

Product Description

33% glass fiber reinforced and heat stabilized industrial grade

Processing Method Injection Molding

Filler/Reinforcement Glass Fiber, 33%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density	1.4	g/cm ³	ISO 1183
Viscosity Number	145	cm ³ /g	ISO 307
Mechanical			
Tensile Strain at Break	3	%	ISO 527-2
Flexural Modulus, (2.0 mm/min)	11000	MPa	ISO 178
Tensile Stress at Break	190	MPa	ISO 527-2
Impact			
Charpy Impact Strength - Notched, (23 °C)	12	kJ/m ²	ISO 179
Charpy Impact Strength - Unnotched, (23 °C)	80	kJ/m ²	ISO 179
Thermal			
Deflection Temperature Under Load Unannealed (0.45 MPa)	254	°C	ISO 75-2/B
Deflection Temperature Under Load Unannealed (1.80 MPa)	226	°C	ISO 75-2/A
Additional Information			
Filler Content	33	%	ISO 1172