

## 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%

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Density	1.4	g/cm <sup>3</sup>	ISO 1183
Viscosity Number	145	cm <sup>3</sup> /g	ISO 307
<b>Mechanical</b>			
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
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C)	12	kJ/m <sup>2</sup>	ISO 179
Charpy Impact Strength - Unnotched, (23 °C)	80	kJ/m <sup>2</sup>	ISO 179
<b>Thermal</b>			
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
<b>Additional Information</b>			
Filler Content	33	%	ISO 1172