

Technical Data Sheet

Schulamid FPI66-GM38/HS BK



Polyamide 66

Product Description

38% Glass/Mineral Filled, Heat Stabilized, Nylon 6/6

Forms	Pellets
Appearance	Black
Filler/Reinforcement	Glass Fiber\Mineral, 38%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density	1.47	g/cm ³	ISO 1183
Mechanical			
Tensile Strain at Break	2.6	%	ISO 527-2
Tensile Stress at Break	140	MPa	ISO 527-2
Tensile Modulus	10000	MPa	ISO 527-1
Impact			
Notched Izod Impact Strength			
(23 °C)	4.7	kJ/m ²	ISO 180
(-40 °C)	2.9	kJ/m ²	ISO 180
Thermal			
Deflection Temperature Under Load Unannealed (1.80 MPa)	220	°C	ISO 75-2/A