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Technical Data Sheet

Schulamid HILOY 610 B

Polyamide 6



Product Description

Nylon 6 40% Glass fiber

Processing Method Injection Molding

Filler/Reinforcement Glass Fiber\Mineral, 45%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.52	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Break	145	MPa	ASTM D638
Flexural Modulus	10800	MPa	ASTM D790
Tensile Elongation at Break	4	%	ASTM D638
Impact			
Notched Izod Impact	100	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	200	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	220	°C	ASTM D648