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Technical Data Sheet

Schulamid NY0730G10UVLB14940WHI



Polyamide 6

Product Description

Schulamid NY0730G10UVLB14940WHI is a Polyamide 6 Glass Fiber, 10% filled material.

Forms Pellets
Filler/Reinforcement Glass Fiber, 10%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.2	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	75	MPa	ASTM D638
Flexural Modulus	3600	MPa	ASTM D790
Tensile Elongation at Break	5	%	ASTM D638
Tensile Modulus	3500	MPa	ASTM D638
Flexural Strength	125	MPa	ASTM D790
Impact			
Unnotched Izod Impact, (3.18 mm)	320	J/m	ASTM D4812
Notched Izod Impact, (3.18 mm)	53	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	118		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	175	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	199	°C	ASTM D648