

Technical Data Sheet

Schulamid NY0730G30UVL1B13878WHI

Polyamide 6

Product Description

Schulamid NY0730G30UVL1B13878WHI is a Polyamide 6 Glass Fiber, 30% filled material.

Forms Pellets
Filler/Reinforcement Glass Fiber, 30%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.36	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	125	MPa	ASTM D638
Flexural Modulus	7500	MPa	ASTM D790
Tensile Elongation at Break	4	%	ASTM D638
Tensile Modulus	7000	MPa	ASTM D638
Flexural Strength	175	MPa	ASTM D790
Impact			
Unnotched Izod Impact, (3.18 mm)	590	J/m	ASTM D4812
Notched Izod Impact, (3.18 mm)	80	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	120		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	205	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	210	°C	ASTM D648