

Technical Data Sheet

Schulamid E-15074 NNAT



Polyamide 612

Product Description

E-15074 N is a Lubricated Highly Reinforced Nylon 6/12

Processing Method Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.41	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	0.951	MPa	ASTM D638
Flexural Modulus	80.5	MPa	ASTM D790
Tensile Elongation at Break	5	%	ASTM D638
Flexural Strength	1.8	MPa	ASTM D790
Impact			
Notched Izod Impact	100	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	92.8	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	99.4	°C	ASTM D648

Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 4.0	hr
Drying Temperature	79	°C
Suggested Max Moisture	0.080 to 0.12	%
Processing (Melt) Temp	270 to 295	°C
Mold Temperature	66 to 93	°C