

Technical Data Sheet

Schulamid 612 MV NATURAL



Polyamide 612

Product Description

Schulamid 612 MV is low/medium viscosity PA 612

Processing Method Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.04	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield	>3.0	%	ASTM D638
Tensile Strength at Yield	65.5	MPa	ASTM D638
Tensile Strength at Break	41.4	MPa	ASTM D638
Tensile Elongation at Break	>50	%	ASTM D638
Tensile Modulus	2280	MPa	ASTM D638
Thermal			
Melting Temperature	217	°C	DSC
Additional Information			
Water Absorption at 24 hrs	0.4	%	ASTM D570

Injection Parameters	Nominal Value	Units
Drying Temperature	82	°C
Suggested Max Moisture	0.050 to 0.10	%
Processing (Melt) Temp	241 to 260	°C
Mold Temperature	66 to 82	°C