

Technical Data Sheet

Schulamid 612 HV HI H W10-31 BLK



Polyamide 612

Product Description

Schulamid 612 HV HI H W10 is an impact modified Polyamide 612. This is an extrusion grade product suitable for supported and unsupported tubing applications.

Processing Method Extrusion

Attribute Fuel Resistant; Good Chemical Resistance; Good Corrosion Resistance; Good Dimensional Stability; Good Heat Aging Resistance; High Impact Resistance; High Viscosity; Impact Modified; Low Temperature Toughness; Low to No Water Absorption; Oil Resistant; Plasticized

Application Tubing

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.02	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus	850	MPa	ISO 178
Tensile Elongation at Break	300	%	ASTM D1708
Tensile Stress at Break	47	MPa	ISO 527-2
Impact			
Charpy Impact Strength - Notched	95	kJ/m ²	ISO 179
Thermal			
Deflection Temperature Under Load Unannealed (0.45 MPa)	95	°C	ISO 75-2/B
Melting Temperature	215	°C	DSC