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Technical Data Sheet

Schulamid 6 MV14FR4 K1681 RED964175



Polyamide 6

Product Description

Nylon Unfilled PBDE-Free, GWIT

Processing Method Blow Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density, (Method A)	1.26	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield, (Type 1A, 23 °C, 50 mm/min)	70.0	MPa	ISO 527-2
Tensile Strain at Yield, (Type 1A, 23 °C, 50 mm/min)	3.0	%	ISO 527-2
Tensile Modulus, (23 °C, 1 mm/min)	3800	MPa	ISO 527-1
Impact			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	4.0	kJ/m ²	ISO 179
Thermal			
Deflection Temperature Under Load Unannealed (1.80 MPa), (Flatwise)	76.0	°C	ISO 75-2/A