

SCHULAMID® 6 MV HI K1893

Polyamide 6
A. Schulman Europe

Message:
super high impact modified polyamide 6 compound

General Information				
Processing Method		Extrusion Injection Molding		
Resin ID (ISO 1043)		PA6-I		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.04	--	g/cm ³	ISO 1183/A
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	1400	400	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	35.0	22.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	5.5	35	%	ISO 527-2/1A/50
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	30	--	kJ/m ²	
23°C	100 kJ/m ²	No Break		
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	No Break	--		
23°C	No Break	No Break		
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, Unannealed	70.0	--	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	40.0	--	°C	ISO 75-2/Af
Vicat Softening Temperature				
--	210	--	°C	ISO 306/A120
--	108	--	°C	ISO 306/B50
Fill Analysis	Dry	Conditioned		Test Method
Melt Density (275°C)	0.890	--		ISO 1133

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