SCHULAMID® 66 MV HI H2

Polyamide 66

A. Schulman Europe

Message:

High impact modified Polyamide 66, Organic stsbilization

General Information				
Processing Method		Injection molding		
Physical	**Dry**	**Conditioned**	**Unit**	**Test Method**
Density	1.09	--	g/cm³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (275°C/5.0 kg)	26.0	--	cm³/10min	ISO 1133
Viscosity Number (96% H2SO4)	156	--	cm³/g	ISO 307
Mechanical	**Dry**	**Conditioned**	**Unit**	**Test Method**
Tensile Modulus	2280	860	MPa	ISO 527-2/1A/1
Tensile Stress				ISO 527-2/1A/50
Yield	58.0	40.0	MPa	ISO 527-2/1A/50
Fracture	51.0	46.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	6.0	25	%	ISO 527-2/1A/50
Nominal Tensile Strain at Break	22	240	%	ISO 527-2/1A/50
Impact	**Dry**	**Conditioned**	**Unit**	**Test Method**
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	13	--	kJ/m²	ISO 179/1eA
23°C	65 kJ/m²	No Break		ISO 179/1eA
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	No Break	--		ISO 179/1eU
23°C	No Break	No Break		ISO 179/1eU
Thermal	**Dry**	**Conditioned**	**Unit**	**Test Method**
Heat Deflection Temperature				
0.45 MPa, not annealed	138	--	°C	ISO 75-2/Bf
1.8 MPa, not annealed	49.0	--	°C	ISO 75-2/Af
Vicat Softening Temperature				
--	250	--	°C	ISO 306/A50
--	210	--	°C	ISO 306/B50
Additional Information				

干燥
1.)
Not for use in food contact applications2.)
Not for use in medical or pharmaceutical applications

Injection	Dry	Unit
Drying Temperature	80	°C
Drying Time	3.0 - 4.0	hr
Suggested Max Moisture	0.040 - 0.10	%
Suggested Max Regrind	20	%
Processing (Melt) Temp	270 - 290	°C
Mold Temperature	60 - 100	°C

Recommended distributors for this material

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