

SCHULAMID® 66 MV HI H K1416

Polyamide 66
A. Schulman Europe

Message:
Impact modified and heatstabilized polyamide 66 grade

General Information				
Processing Method		Injection Molding		
Resin ID (ISO 1043)		PA66I		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.08	--	g/cm ³	ISO 1183/A
Water Absorption (Saturation, 23°C)	2.1	--	%	ISO 62
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	2100	750	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	55.0	40.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	5.5	25	%	ISO 527-2/1A/50
Nominal Tensile Strain at Break	> 40	> 100	%	ISO 527-2/1A/50
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	18	--	kJ/m ²	
23°C	70 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
Vicat Softening Temperature				
--	> 250	--	°C	ISO 306/A50
--	210	--	°C	ISO 306/B50
Flammability	Dry	Conditioned	Unit	Test Method
Burning Rate	30	--	mm/min	ISO 3795

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