

SCHULAMID® 66 MNF 2510 H

Polyamide 66
A. Schulman Europe

Message:
25% mineral and glass fiber reinforced, heat stabilized Polyamide 66

General Information				
Filler / Reinforcement		Glass\Mineral,25% Filler by Weight		
Features		Balanced Stiffness/Toughness		
		Good Heat Aging Resistance		
		Low Density		
		Low Warpage		
		Oil Resistant		
Processing Method		Injection Molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.33	--	g/cm ³	ISO 1183/A
Viscosity Number	140	--	cm ³ /g	ISO 307
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	8100	5000	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	125	70.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	2.5	7.0	%	ISO 527-2/1A/5
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	4.0	--	kJ/m ²	
23°C	5.0	7.0	kJ/m ²	
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	35	--	kJ/m ²	
23°C	40	55	kJ/m ²	
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, Unannealed	> 250	--	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	238	--	°C	ISO 75-2/ Af
Vicat Softening Temperature				
--	> 250	--	°C	ISO 306/A50
--	245	--	°C	ISO 306/B50
Flammability	Dry	Conditioned	Unit	Test Method

Burning Rate (2.00 mm)	< 100	--	mm/min	ISO 3795
Flammability Classification				IEC 60695-11-10, -20
1.50 mm	HB	--		
3.00 mm	HB	--		

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Recommended distributors for this material

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