

SCHULAMID® 66 MK 30 HI H K1357 GRAU

967370

Polyamide 66
A. Schulman Europe

Message:
30% mineral filled PA 66, impact modified, heat stabilized

General Information				
Filler / Reinforcement		Mineral,40% Filler by Weight		
Additive		Heat Stabilizer		
		Impact Modifier		
Features		Heat Stabilized		
		Impact Modified		
Processing Method		Injection Molding		
Part Marking Code (ISO 11469)		>PA66-M<		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.36	--	g/cm ³	ISO 1183/A
Molding Shrinkage				ISO 294-4
Across Flow : 2.00 mm	1.4	--	%	
Flow : 2.00 mm	1.4	--	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	2.1	--	%	ISO 62
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	3200	1000	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	60.0	38.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	12	> 50	%	ISO 527-2/1A/5
Flexural Modulus	3200	--	MPa	ISO 178
Flexural Stress	92.0	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	6.0	--	kJ/m ²	
23°C	10	12	kJ/m ²	
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	90	--	kJ/m ²	
23°C	No Break	No Break		
Thermal	Dry	Conditioned	Unit	Test Method

Heat Deflection Temperature				
0.45 MPa, Unannealed	115	--	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	62.0	--	°C	ISO 75-2/Af
Vicat Softening Temperature				
--	240	--	°C	ISO 306/A50
--	200	--	°C	ISO 306/B50
Electrical	Dry	Conditioned	Unit	Test Method
Comparative Tracking Index (3.00 mm)	450	--	V	IEC 60112
Flammability	Dry	Conditioned	Unit	Test Method
Flammability Classification				IEC 60695-11-10, -20
1.50 mm	HB	--		
3.00 mm	HB	--		
Glow Wire Flammability Index				IEC 60695-2-12
1.50 mm	700	--	°C	
3.00 mm	725	--	°C	
Glow Wire Ignition Temperature				IEC 60695-2-13
1.50 mm	725	--	°C	
3.00 mm	725	--	°C	

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