

SCHULAMID® 66 MKF 4015

Polyamide 66

A. Schulman Europe

Message:

40% mineral and glass fiber reinforced, heat stabilized Polyamide 66

General Information				
Filler / Reinforcement		Glass\Mineral,40% Filler by Weight		
Features		Balanced Stiffness/Toughness		
		Low Warpage		
		Oil Resistant		
Processing Method		Injection Molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.44	--	g/cm ³	ISO 1183/A
Viscosity Number	140	--	cm ³ /g	ISO 307
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	8300	5000	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	120	80.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	2.5	6.5	%	ISO 527-2/1A/5
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	3.0	--	kJ/m ²	
23°C	4.0	5.0	kJ/m ²	
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	36	--	kJ/m ²	
23°C	40	58	kJ/m ²	
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, Unannealed	245	--	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	210	--	°C	ISO 75-2/Af
Vicat Softening Temperature				
--	> 250	--	°C	ISO 306/A50
--	236	--	°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	--

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

