

SCHULABLEND® (ABS/PA) M/MK 8 GF

Acrylonitrile Butadiene Styrene + Nylon

A. Schulman Europe

Message:

8% glass fibre reinforced ABS/PA blend

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 8.0% filler by weight		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (250°C/5.0 kg)	4.00	cm ³ /10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	93.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3300	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	43.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	3.0	%	ISO 527-2/1A/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	43	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	70	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	152	°C	ISO 75-2/Bf
1.8 MPa, not annealed	76.0	°C	ISO 75-2/Af
Vicat Softening Temperature			
--	190	°C	ISO 306/A50
--	115	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+15	ohms	IEC 60093
Volume Resistivity	> 1.0E+13	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flammability Classification (1.60 mm)	HB		IEC 60695-11-10, -20
Additional Information			

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

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