

SCHULABLEND® (PA/PP) M/MO 7101 GF25

Polyamide + PP
A. Schulman Europe

Message:
25% glass fibre reinforced PA6/PP blend with excellent chemical resistance

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 25% filler by weight		
Processing Method	Injection molding		
Resin ID (ISO 1043)	PA6+PP-GF		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (250°C/2.16 kg)	4.00	cm ³ /10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	108	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6700	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	103	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	3.0	%	ISO 527-2/1A/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	6.0	kJ/m ²	ISO 179/1eA
23°C	10	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	55	kJ/m ²	ISO 179/1eU
23°C	45	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	184	°C	ISO 75-2/Bf
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 (1.6 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			
Injection	Nominal Value	Unit	
Drying Temperature	80	°C	

Drying Time	3.0 - 4.0	hr
Suggested Max Moisture	0.040 - 0.10	%
Processing (Melt) Temp	240 - 270	°C
Mold Temperature	60 - 90	°C

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Recommended distributors for this material

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