

SCHULABLEND® (ABS/PA) M/MK 6101 GF8 U

Acrylonitrile Butadiene Styrene + PA

A. Schulman Europe

Message:

8% glass fiber reinforced ABS/PA6 blend with high impact strength, high flow, UV-stabilized

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 8.0% filler by weight		
Processing Method	Injection molding		
Resin ID (ISO 1043)	PA ABS GF8		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm³	ISO 1183/A
Melt Volume-Flow Rate (MVR)			ISO 1133
250°C/5.0 kg	5.00	cm³/10min	ISO 1133
260°C/5.0 kg	9.00	cm³/10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	109	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2800	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	45.0	MPa	ISO 527-2/1/5
Tensile Strain (Break)	9.0	%	ISO 527-2/1/5
Flexural Modulus ¹	2400	MPa	ISO 178
Flexural Stress ²			ISO 178
6.0% strain	78.0	MPa	ISO 178
3.5% strain	70.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	10	kJ/m²	ISO 179/1eA
23°C	15	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	60	kJ/m²	ISO 179/1eU
23°C	48	kJ/m²	ISO 179/1eU

Additional Information			
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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	4.0	hr
Suggested Max Moisture	0.040 - 0.10	%
Processing (Melt) Temp	230 - 270	°C

Mold Temperature	40 - 80	°C
NOTE		
1.	2.0 mm/min	
2.	2.0 mm/min	

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