

SCHULABLEND® (ABS/PA) M/MK SF

Acrylonitrile Butadiene Styrene + Nylon

A. Schulman Europe

Message:

High flow ABS/PA injection molding grade with high impact strength and chemical resistance

General Information			
Features	Impact resistance, high		
	High liquidity		
	Good chemical resistance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (250°C/5.0 kg)	15.0	cm³/10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	87.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1800	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	46.0	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			ISO 179/1eA
-30°C	28	kJ/m²	ISO 179/1eA
23°C	55	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	No Break		ISO 179/1eU
23°C	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	89.0	°C	ISO 75-2/Bf
1.8 MPa, not annealed	75.0	°C	ISO 75-2/Af
Vicat Softening Temperature			
--	209	°C	ISO 306/A50
--	126	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flammability Classification (1.60 mm)	HB	IEC 60695-11-10, -20	
Additional Information			

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

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