

SCHULABLEND® (ASA/PA) M/MW

Acrylonitrile Styrene Acrylate + Nylon

A. Schulman Europe

Message:

ASA/PA blend with high light stability and heat resistance

General Information			
Features	Impact resistance, good		
	Good UV resistance		
	Heat resistance, high		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (250°C/5.0 kg)	15.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2000	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	55.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	4.0	%	ISO 527-2/1A/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	5.0	kJ/m²	ISO 179/1eA
23°C	15	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	77	kJ/m²	ISO 179/1eU
23°C	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	116	°C	ISO 75-2/Bf
Vicat Softening Temperature	142	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Burning Rate (2.00 mm)	< 100	mm/min	ISO 3795
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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