

SCHULABLEND® (ABS/PA) M/MK 6501 U

Acrylonitrile Butadiene Styrene + PA

A. Schulman Europe

Message:

ABS/PA6 blend with high impact strength, UV stabilised, low emission

General Information			
Additive	UV stabilizer		
Features	Impact resistance, high		
	Good liquidity		
Processing Method	Injection molding		
Part Marking Code (ISO 11469)	>ABS+PA		
Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (250°C/5.0 kg)	7.00	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1700	MPa	ISO 527-2/1A/1
Tensile Stress			ISO 527-2/1A/50
Yield	40.0	MPa	ISO 527-2/1A/50
Fracture	42.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	4.0	%	ISO 527-2/1A/50
Nominal Tensile Strain at Break	90	%	ISO 527-2/1A/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	18	kJ/m ²	ISO 179/1eA
23°C	80	kJ/m ²	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 (1.8 MPa, Unannealed)	65.0	°C	ISO 75-2/Af
Vicat Softening Temperature	125	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flammability Classification (1.6 mm)	HB		IEC 60695-11-10, -20
Flammability		mm/min	FMVSS 302
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	4.0	hr
Suggested Max Moisture	0.040 - 0.10	%
Processing (Melt) Temp	230 - 270	°C
Mold Temperature	40 - 80	°C

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