

SCANBLEND FS7 UV4

Acrylonitrile Styrene Acrylate + PC

Polykemi AB

Message:

PC/ASA Good weather resistance

General Information			
Features		Good Weather Resistance	
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	20	g/10 min	ISO 1133
Molding Shrinkage			ISO 294-4
Across Flow	0.50 to 0.70	%	
Flow	0.50 to 0.70	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	48.0	MPa	ISO 527-2
Tensile Strain (Yield)	7.0	%	ISO 527-2
Flexural Modulus (23°C)	2500	MPa	ISO 178
Flexural Stress	82.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	45	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹			
0.45 MPa, Unannealed	121	°C	ISO 75-2/B
1.8 MPa, Unannealed	102	°C	ISO 75-2/A
Vicat Softening Temperature			
--	136	°C	ISO 306/A50
--	123	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flame Rating (1.60 mm)	HB	UL 94	
NOTE			
1.	120°C/hr		

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