

SCHULABLEND® (PC/ASA) WR 5 UV CA

Acrylonitrile Styrene Acrylate + PC

A. Schulman Europe

Message:

PC-ASA blend with increased impact strength, heat resistance and weather resistance; permanent antistatic

General Information			
Additive	Antistatic property		
Features	Antistatic property		
	Impact resistance, good		
	Good weather resistance		
	Heat resistance, high		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.16	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	30.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1800	MPa	ISO 527-2/1A/1
Tensile Stress			
Yield	42.0	MPa	ISO 527-2/1A/50
Fracture	39.0	MPa	ISO 527-2/1A/5
Tensile Strain			
Yield	4.4	%	ISO 527-2/1A/50
Fracture	78	%	ISO 527-2/1A/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	14	kJ/m ²	ISO 179/1eA
23°C	70	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			
0.45 MPa, not annealed	112	°C	ISO 75-2/Bf
1.8 MPa, not annealed	88.0	°C	ISO 75-2/Af
Vicat Softening Temperature	111	°C	ISO 306/B50
Additional Information			

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

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