

Stylac™ A100

Acrylonitrile Butadiene Styrene
Asahi Kasei Chemicals Corporation

Message:

Stylac™ A100 is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in Africa & Middle East, Asia Pacific, or Europe. Primary characteristic: antistatic.

General Information			
UL YellowCard	E171626-225529		
Additive	Antistatic		
Features	Antistatic		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.07	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	37	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	38.2	cm³/10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 2.50 mm)	94		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	43.8	MPa	ISO 527-2/50
Flexural Modulus ¹	2100	MPa	ISO 178
Flexural Stress ²	68.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	21	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	74.9	°C	ISO 75-2/A
Vicat Softening Temperature	92.1	°C	ISO 306/B
NOTE			
1.	2.0 mm/min		
2.	2.0 mm/min		

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