

Esterlloy™ E710T

Acrylonitrile Butadiene Styrene Alloy

Asahi Kasei Chemicals Corporation

Message:

Esterlloy™ E710T is an Acrylonitrile Butadiene Styrene Alloy (ABS Alloy) product. It is available in Africa & Middle East, Asia Pacific, or Europe. Typical application: Electrical/Electronic Applications.

General Information			
Features	Low CLTE		
	Paintable		
Uses	Electrical/Electronic Applications		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.20	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (240°C/5.0 kg)	15.0	cm ³ /10min	ISO 1133
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	43.0	MPa	ISO 527-2/50
Flexural Modulus ¹	3400	MPa	ISO 178
Flexural Stress ²	70.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	84.0	°C	ISO 75-2/A
Vicat Softening Temperature	103	°C	ISO 306/B
CLTE - Flow	6.0E-5 to 8.0E-5	cm/cm/°C	ASTM D696
NOTE			
1.	2.0 mm/min		
2.	2.0 mm/min		

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