

Toyolac® A25C-300

Acrylonitrile Styrene Copolymer

Toray Resin Company

Message:

Toyolac® A25C-300 is an Acrylonitrile Styrene Copolymer (AS) product. It is available in Asia Pacific, Europe, or North America. Primary characteristic: high flow.

General Information			
Features	High Flow		
Part Marking Code	>AS<		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	1.08	g/cm ³	ASTM D792
23°C	1.08	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)			
	62	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (23°C)	78.0	MPa	ISO 527-2
Flexural Modulus (23°C)	3600	MPa	ISO 178
Flexural Stress (23°C)	100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	1.2	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	90.0	°C	ISO 75-2/A

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