

Toyolac® 834V-X06

Acrylonitrile Butadiene Styrene

Toray Resin Company

Message:

Toyolac® 834V-X06 is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in Asia Pacific, Europe, or North America.

Characteristics include:

Flame Rated

Flame Retardant

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Part Marking Code	>ABS-FR(17)<		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	1.14	g/cm ³	ASTM D792
23°C	1.14	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	43	g/10 min	ISO 1133
Molding Shrinkage	0.40 to 0.70	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C)	103		ASTM D785, ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (23°C)	43.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	5.0	%	ISO 527-2
Flexural Modulus (23°C)	2040	MPa	ISO 178
Flexural Stress (23°C)	63.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	76.0	°C	ISO 75-2/A
Vicat Softening Temperature	90.0	°C	
Flammability	Nominal Value		Test Method
Flame Rating (3.00 mm)	5VA		UL 94

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