



HYLAC® FR134

Ravago Manufacturing Americas - Acrylonitrile Butadiene Styrene

Sunday, November 3, 2019

General Information

Product Description

ABS, General Purpose, Flame Retardant, High Flow

General

Material Status	• Commercial: Active
Availability	• North America
Features	• Flame Retardant • General Purpose • High Flow
Uses	• General Purpose
RoHS Compliance	• RoHS Compliant
UL File Number	• E157012
Forms	• Pellets

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.19	g/cm ³	ISO 1183
Melt Mass-Flow Rate			ASTM D1238
200°C/5.0 kg	5.2	g/10 min	
220°C/10.0 kg	60	g/10 min	
230°C/3.8 kg	13	g/10 min	
Molding Shrinkage - Flow (0.125 in)	0.30 to 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	5510	psi	ISO 527-2
Tensile Strain (Break)	15	%	ISO 527-2
Flexural Modulus	300000	psi	ISO 178
Flexural Stress	8850	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	7.1	ft-lb/in ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (66 psi, Unannealed)	180	°F	ISO 75-2/B
Heat Deflection Temperature (264 psi, Unannealed)	160	°F	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.06 in	•	V-0	
	•	5VB	
0.10 in	•	V-0	
	•	5VA	
0.12 in	•	V-0	
	•	5VA	

Notes

¹ Typical properties: these are not to be construed as specifications.