



HYLAC® HF143

Ravago Manufacturing Americas - Acrylonitrile Butadiene Styrene

Sunday, November 3, 2019

General Information

Product Description

ABS, High Flow, Rigidity

General

Material Status	• Commercial: Active
Availability	• North America
Features	• High Flow • High Rigidity
RoHS Compliance	• RoHS Compliant
UL File Number	• E157012
Forms	• Pellets

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate			ASTM D1238
200°C/5.0 kg	4.5	g/10 min	
230°C/3.8 kg	14	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)	6530	psi	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus	370000	psi	ISO 178
Flexural Stress	10400	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	5.7	ft-lb/in ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (66 psi, Unannealed)	210	°F	ISO 75-2/B
Heat Deflection Temperature (264 psi, Unannealed)	192	°F	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.06 in		HB	
0.12 in		HB	

Notes

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