

Hylac® HF143

Acrylonitrile Butadiene Styrene
Ravago Manufacturing Americas, LLC

Message:
ABS, High Flow, Rigidity

General Information			
UL YellowCard	E157012-101284393		
Features	High Flow		
	High Rigidity		
RoHS Compliance	RoHS Compliant		
UL File Number	E157012		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ASTM D1238
200°C/5.0 kg	4.5	g/10 min	
230°C/3.8 kg	14	g/10 min	
Molding Shrinkage - Flow (3.18 mm)	0.30 to 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	45.0	MPa	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus	2550	MPa	ISO 178
Flexural Stress	72.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	12	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	99.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	89.0	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	HB		
3.00 mm	HB		

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