

Hylac® GP45

Acrylonitrile Butadiene Styrene

Ravago Manufacturing Americas, LLC

Message:

ABS, General Purpose, Medium Impact

General Information			
Features	General Purpose Medium Impact Resistance		
Uses	General Purpose		
RoHS Compliance	RoHS Compliant		
UL File Number	E157012		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ASTM D1238
230°C/10.0 kg	11	g/10 min	
230°C/3.8 kg	4.0	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)	35.0	MPa	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus	2000	MPa	ISO 178
Flexural Stress	60.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	20	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	93.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	88.0	°C	ISO 75-2/A

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