



HYLAC® GP45

Ravago Manufacturing Americas - Acrylonitrile Butadiene Styrene

Sunday, November 3, 2019

General Information

Product Description

ABS, General Purpose, Medium Impact

General

Material Status	• Commercial: Active
Availability	• North America
Features	• General Purpose • Medium Impact Resistance
Uses	• General Purpose
RoHS Compliance	• RoHS Compliant
UL File Number	• E157012
Forms	• Pellets

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate			ASTM D1238
230°C/10.0 kg	11	g/10 min	
230°C/3.8 kg	4.0	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)	5080	psi	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus	290000	psi	ISO 178
Flexural Stress	8700	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	9.5	ft·lb/in ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (66 psi, Unannealed)	199	°F	ISO 75-2/B
Heat Deflection Temperature (264 psi, Unannealed)	190	°F	ISO 75-2/A

Notes

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