



HYLAC® ABS 122 BK

Ravago Manufacturing Americas - Acrylonitrile Butadiene Styrene

Sunday, November 3, 2019

General Information

Product Description

Industrial Grade ABS, Black

General

Material Status	• Commercial: Active
Availability	• North America
Uses	• Industrial Applications
RoHS Compliance	• RoHS Compliant
UL File Number	• E157012
Appearance	• Black
Forms	• Pellets

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.04		ISO 1183
Melt Mass-Flow Rate (230°C/3.8 kg)	4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (0.125 in)	0.20 to 0.60	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	5510	psi	ISO 527-2
Tensile Strain (Break)	12	%	ISO 527-2
Flexural Modulus	261000	psi	ISO 178
Flexural Stress	6670	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)	194	°F	ISO 75-2/B
Heat Deflection Temperature (264 psi, Unannealed)	171	°F	ISO 75-2/A
Vicat Softening Temperature	205	°F	ISO 306

Notes

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