



HYLAC® ABS122G20 BK

Ravago Manufacturing Americas - Acrylonitrile Butadiene Styrene

Sunday, November 3, 2019

General Information

Product Description

Industrial Grade ABS, Black, 20% Glass Fiber-Reinforced

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
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	1.17		ISO 1183
Melt Mass-Flow Rate (230°C/3.8 kg)	1.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (0.125 in)	0.20 to 0.50	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	7400	psi	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	583000	psi	ISO 178
Flexural Stress	9860	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	4.3	ft-lb/in ²	ISO 180

Notes

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