



ECHO® ABS 120 BK

Entec Polymers - Acrylonitrile Butadiene Styrene

Sunday, November 3, 2019

General Information

Product Description

Industrial Grade ABS

General

Material Status	• Commercial: Active
Availability	• North America
RoHS Compliance	• RoHS Compliant
UL File Number	• E157012
Forms	• Pellets

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm ³	ISO 1183
Melt Mass-Flow Rate			ASTM D1238
200°C/5.0 kg	1.2	g/10 min	
220°C/10.0 kg	17	g/10 min	
Molding Shrinkage - Flow (0.125 in)	0.20 to 0.60	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	5950	psi	ISO 527-2
Tensile Strain (Break)	12	%	ISO 527-2
Flexural Modulus	280000	psi	ISO 178
Flexural Stress	6960	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	3.8	ft·lb/in ²	ISO 180

Notes

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