



HYLOX® 9020

Ravago Manufacturing Americas - Polybutylene Terephthalate

Monday, November 4, 2019

General Information

Product Description

PBT, 20% Glass Filled

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
RoHS Compliance	• RoHS Compliant
UL File Number	• E157012
Forms	• Pellets

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.44	g/cm ³	ISO 1183
Molding Shrinkage - Flow (0.125 in)	0.40 to 0.80	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	17100	psi	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	950000	psi	ISO 178
Flexural Stress	26400	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	2.9	ft-lb/in ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (264 psi, Unannealed)	392	°F	ISO 75-2/A

Notes

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