



HYLOX® 9000

Ravago Manufacturing Americas - Polybutylene Terephthalate

Monday, November 4, 2019

General Information

Product Description

PBT, Unfilled

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	1.31	g/cm ³	ISO 1183
Molding Shrinkage - Flow (0.125 in)	1.7 to 2.2	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	7980	psi	ISO 527-2
Tensile Strain (Break)	180	%	ISO 527-2
Flexural Modulus	350000	psi	ISO 178
Flexural Stress	12000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	1.9	ft-lb/in ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (66 psi, Unannealed)	309	°F	ISO 75-2/B
Heat Deflection Temperature (264 psi, Unannealed)	135	°F	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.028 in)	HB		UL 94

Notes

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