



HYLOX® 9000

Ravago Manufacturing Americas - Polybutylene Terephthalate

Monday, January 20, 2020

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 Properties¹

Physical	Nominal Value	Unit	Test Method
Density	1.31	g/cm ³	ISO 1183
Molding Shrinkage - Flow (3.18 mm)	1.7 to 2.2	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	55.0	MPa	ISO 527-2
Tensile Strain (Break)	180	%	ISO 527-2
Flexural Modulus	2420	MPa	ISO 178
Flexural Stress	83.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	4.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	154	°C	ISO 75-2/B
Heat Deflection Temperature (1.8 MPa, Unannealed)	57.0	°C	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.71 mm)	HB		UL 94

Notes

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