

Hylox® 9000

Polybutylene Terephthalate
Ravago Manufacturing Americas, LLC

Message:
PBT, Unfilled

General Information			
RoHS Compliance	RoHS Compliant		
UL File Number	E157012		
Forms	Pellets		
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
1.8 MPa, Unannealed	57.0	°C	ISO 75-2/A
Flammability	Nominal Value	Test Method	
Flame Rating (0.710 mm)	HB	UL 94	

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