



HYBRID B2035I

Ravago Manufacturing Americas - Polycarbonate + PBT

Saturday, January 18, 2020

General Information

Product Description

PC/PBT, Impact Resistant, High Flow

General

Material Status	• Commercial: Active
Availability	• North America
Features	• Good Impact Resistance • High Flow
RoHS Compliance	• RoHS Compliant
UL File Number	• E157012

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density	1.19	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/3.8 kg)	34	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.60 to 0.90	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	55.0	MPa	ISO 527-2
Flexural Modulus	2180	MPa	ISO 178
Flexural Stress	76.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	15	kJ/m ²	
23°C	45	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	91.0	°C	ISO 75-2/A

Notes

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