



HYBRID B2026IU

Ravago Manufacturing Americas - Polycarbonate + PBT

Saturday, January 18, 2020

General Information

Product Description

PC/PBT, Impact Resistant

General

Material Status	<ul style="list-style-type: none"> Commercial: Active
Availability	<ul style="list-style-type: none"> North America
Features	<ul style="list-style-type: none"> Good Impact Resistance
RoHS Compliance	<ul style="list-style-type: none"> RoHS Compliant
UL File Number	<ul style="list-style-type: none"> E157012

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.19	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/3.8 kg)	25	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.50 to 0.80	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	55.0	MPa	ISO 527-2
Tensile Strain (Break)	100	%	ISO 527-2
Flexural Modulus	2240	MPa	ISO 178
Flexural Stress	76.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	30	kJ/m ²	
23°C	54	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	106	°C	ISO 75-2/B
Heat Deflection Temperature (1.8 MPa, Unannealed)	89.0	°C	ISO 75-2/A

Notes

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