

Hybrid B2035I

Polycarbonate + PBT

Ravago Manufacturing Americas, LLC

Message:

PC/PBT, Impact Resistant, High Flow

General Information			
Features	Good Impact Resistance High Flow		
RoHS Compliance	RoHS Compliant		
UL File Number	E157012		
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

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