HYLEX® P1025L

Polycarbonate

Ravago Manufacturing Americas



Technical Data

Product Description	
Polycarbonate, High Flow	
General	
Material Status	Commercial: Active
Literature ¹	Technical Datasheet (English)
Search for UL Yellow Card	 Ravago Manufacturing Americas HYLEX®
Availability	North America
Features	High Flow
RoHS Compliance	RoHS Compliant
UL File Number	• E157012

Physical	Nominal Value Unit	Test Method
Density	1.20 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	25 g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.50 to 0.70 %	ISO 294-4
Water Absorption (24 hr)	0.15%	ASTM D570
Mechanical	Nominal Value Unit	Test Method
Tensile Stress (Break)	60.0 MPa	ISO 527-2
Tensile Strain (Break)	120 %	ISO 527-2
Flexural Modulus	2310 MPa	ISO 178
Flexural Stress	91.0 MPa	ISO 178
Impact	Nominal Value Unit	Test Method
Notched Izod Impact Strength	46 kJ/m²	ISO 180
Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load		
0.45 MPa, Unannealed	132 °C	ISO 75-2/B
1.8 MPa, Unannealed	127 °C	ISO 75-2/A

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.



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