

Hylex® P1035ILLG

Polycarbonate

Ravago Manufacturing Americas, LLC

Message:

Polycarbonate, High Flow, Medium Impact

General Information			
Features	High Flow		
	Medium Impact Resistance		
RoHS Compliance	RoHS Compliant		
UL File Number	E157012		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	35	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.60 to 0.80	%	ISO 294-4
Water Absorption (24 hr)	0.15	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	57.0	MPa	ISO 527-2
Tensile Strain (Break)	100	%	ISO 527-2
Flexural Modulus	2070	MPa	ISO 178
Flexural Stress	71.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	35	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	117	°C	ISO 306
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm)	V-2	UL 94	

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