

Hylex® P1007L4 HB

Polycarbonate

Entec Polymers

Message:

POLYCARBONATE, LOW MELT FLOW, FDA, NO MOLD RELEASE

General Information			
Features	Low liquidity		
Agency Ratings	FDA not rated		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	7.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 - 0.70	%	ASTM D955
Water Absorption (24 hr)	0.15	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, 23°C)	67.6	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	140	%	ASTM D638
Flexural Modulus (23°C)	2340	MPa	ASTM D790
Flexural Strength (23°C)	97.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	910	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	124	°C	ASTM D648

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