

Hylex® P1017L1

Polycarbonate

Entec Polymers

Message:

POLYCARBONATE, MEDIUM FLOW, CLEAR EDGE TINT

General Information			
UL YellowCard	E141008-238042		
Features	Medium liquidity		
Appearance	Clear/transparent		
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)	17	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 (Yield, 23°C)	68.7	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	130	%	ASTM D638
Flexural Modulus (23°C)	2250	MPa	ASTM D790
Flexural Strength (23°C)	93.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	880	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	134	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating			UL 94
1.5 mm	V-2	UL 94	
3.0 mm	V-2	UL 94	

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Recommended distributors for this material

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