

Hylex® P1025L1

Polycarbonate

Entec Polymers

Message:

POLYCARBONATE, HIGH FLOW, CLEAR EDGE TINT

General Information			
UL YellowCard	E141008-238052		
Features	High 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)	25	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)	63.8	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	130	%	ASTM D638
Flexural Modulus (23°C)	2250	MPa	ASTM D790
Flexural Strength (23°C)	92.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	780	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	133	°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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