

Hylex® P1317FR

Polycarbonate

Entec Polymers

Message:

Unreinforced, UV Stabilized, UL V-0 Rated, High Flow

General Information			
Additive	UV Stabilizer		
Features	Good UV Resistance		
	High Flow		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	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 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	60.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	110	%	ASTM D638
Flexural Modulus (23°C)	2480	MPa	ASTM D790
Flexural Strength (23°C)	97.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	530	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	141	°C	
1.8 MPa, Unannealed	129	°C	
Flammability	Nominal Value	Test Method	
Flame Rating (1.57 mm, All Opaque, Min. Tested Thickness)	V-0	UL 94	

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