

Hylex® P1303L1 HB

Polycarbonate

Entec Polymers

Message:

POLYCARBONATE, UV STABILIZED, BRANCHED FOR EXTRUSION & BLOW MOLDING

General Information			
Additive	UV stabilizer		
Features	Good UV resistance		
	Branched polymer structure		
Processing Method	Blow molding		
	Extrusion		
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)	3.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 - 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, 23°C	61.0	MPa	ASTM D638
Fracture, 23°C	58.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield, 23°C	6.0	%	ASTM D638
Fracture, 23°C	96	%	ASTM D638
Flexural Modulus (23°C)	2300	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)	810	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	141	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
0.8 mm	HB		UL 94
1.5 mm	HB		UL 94
3.0 mm	HB		UL 94

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