

Hylex® P1003L2 HB

Polycarbonate

Entec Polymers

Message:

POLYCARBONATE, BRANCHED, LOW MELT FLOW

General Information			
Features	Low liquidity		
	Branched polymer structure		
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)	2.5	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	62.1	MPa	ASTM D638
Fracture, 23°C	64.8	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield, 23°C	7.0	%	ASTM D638
Fracture, 23°C	> 70	%	ASTM D638
Flexural Modulus (23°C)	2300	MPa	ASTM D790
Flexural Strength (23°C)	95.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	750	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	130	°C	ASTM D648

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 1342475533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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