HYLEX® P1307SIFR

Entec Polymers - Polycarbonate

Monday, November 4, 2019

General Information

Product Description	
POLYCARBONATE, UV STABILIZED, SILOXANE MODIFIED, FLAME RETARDANT	
General	
Material Status	• Commercial: Active
Availability	• North America
Additive	• UV Stabilizer
Features	• Flame Retardant

ASTM & ISO Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.18		ASTM D792
Melt Mass-Flow Rate (300°C/1.2 kg)	7.0	g/10 min	ASTM D1238
Water Absorption (24 hr)	0.15	%	ASTM D570
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield, 73°F)	8820	psi	ASTM D638
Tensile Elongation (Break, 73°F)	100	%	ASTM D638
Flexural Modulus (73°F)	313000	psi	ASTM D790
Flexural Strength (Yield, 73°F)	12100	psi	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (73°F, 0.125 in)	15	ft·lb/in	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ASTM D648
264 psi, Unannealed	253	°F	
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating (0.031 in)	V-0		UL 94

Notes

[1] Typical properties: these are not to be construed as specifications.

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