



HYLEX® P1017SI

Entec Polymers - Polycarbonate

Monday, November 4, 2019

General Information

Product Description

POLYCARBONATE, MEDIUM FLOW, SILOXANE MODIFIED

General

Material Status	• Commercial: Active
Availability	• North America
Features	• Medium Flow

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.19		ASTM D792
Melt Mass-Flow Rate (300°C/1.2 kg)	17	g/10 min	ASTM D1238
Water Absorption (24 hr)	0.15	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	7830	psi	ASTM D638
Tensile Elongation (Break, 73°F)	120	%	ASTM D638
Flexural Modulus (73°F)	306000	psi	ASTM D790
Flexural Strength (Yield, 73°F)	10700	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-22°F, 0.125 in	13	ft-lb/in	
73°F, 0.125 in	13	ft-lb/in	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
264 psi, Unannealed	266	°F	
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.031 in)	V-2		UL 94

Notes

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