

P5M4T-013

DESCRIPTION: Random Copolymer

FEATURES: Good contact clarity and Antistat. Product does not contain animal derived components. Phthalate-free.

APPLICATIONS: Injection Molding: Rigid packaging, housewares and medical devices

PROPERTY	NOMINAL VALUE	SI UNIT	NOMINAL VALUE	ENGLISH UNIT	ASTM TEST METHOD
Melt Flow Rate	10	g/10 min.			D 1238
Density	0.9	g/cm ³			D 1505
Tensile					
Yield Strength	28	MPa	4100	psi	D 638
Yield Elongation	11	%	11	%	
Flexural Modulus					
1% Secant	786	MPa	114	kpsi	D 790
Tangent	NA		NA		
Deflection Temperature @ 66 psi (.455 MPa)	74	°C	165	°F	D 648
Rockwell Hardness			94	R	D 785
Notched Izod @ 23°C	30	J/m	.6	ft-lb/in	D 256
Gardner Impact @ 23°C	>36	J	>320	in-lb	D 5420

Mar-10



REGULATORY

FDA - 21 CFR 177.1520 (c) 3.1a

UL Certified 94HB

Notice regarding medical applications:

This Flint Hills product meets certain requirements for use in medical applications. It is the responsibility of the medical device or pharmaceutical manufacturer to determine that this Flint Hills product is safe, lawful and technically suitable for the intended use. Flint Hills encourages its customers to review their application with a Flint Hills technical representative to ensure that this product is not used in ways for which it was not intended or tested. Flint Hills makes no warranties (express or implied), promises or guarantees concerning the suitability of this product for use in any given medical application. Not intended for use in the manufacture of any form of implanted medical or surgical device.

118 Huntsman Way, Longview, TX 75602 · Tel: 1-800-985-7303

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