

P5M4K-046

DESCRIPTION: Random Copolymer

FEATURES: Excellent clarity and good processability. Produced without animal derived components or phthalates.

APPLICATIONS: Injection Molding: High clarity caps and closures

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	33	MPa		4800	psi		D 638
Yield Elongation	11	%		11	%		
Flexural Modulus							
1% Secant	1110	MPa		161	kpsi		D 790
Tangent	NA			NA			
Deflection Temperature @ 66 psi (.455 MPa)	82	°C		180	°F		D 648
Rockwell Hardness				94	R		D 785
Notched Izod @ 23°C	70	J/m		1.3	ft-lb/in		D 256
Gardner Impact @ 23°C	>36	J		>320	in-lb		D 5420

May-14



REGULATORY

FDA - 21 CFR 177.1520 (c) 3.1a

Drug Master File listed

USP Class VI certified

This product is not recommended for autoclave sterilization processes in the presence of aqueous solutions.

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.

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