

P9M7R-056

DESCRIPTION: Specialty Homopolymer

FEATURES: Clarified, e-beam and Gamma radiation sterilizable. Autoclavable. Produced without animal derived components or phthalates.

APPLICATIONS: Injection molding: Labware, Pipette tips

PROPERTY	NOMINAL VALUE	SI UNIT	NOMINAL VALUE	ENGLISH UNIT	ASTM TEST METHOD
Melt Flow Rate	55	g/10 min.			D 1238
Density	0.9	g/cm ³			D 1505
Tensile Yield Strength	33	MPa	4800	psi	D 638
Yield Elongation	9.5	%	9.5	%	
Flexural Modulus 1% Secant	1200	MPa	175	kpsi	D 790
Deflection Temperature @ 66 psi (.455 MPa)	105	°C	221	°F	D 648
Notched Izod @ 23°C	0.7	ft-lb/in	37	J/m	D 256
Rockwell Hardness			103	R	D 785

May '14



REGULATORY

FDA - 21 CFR 177.1520 (c) 1.1a

USP Class VI <88>, USP<85>, USP<661>, and ISO 10993-5

Drug Master File listed

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.

The data and information represented herein refer to typical values obtained in our laboratories by the methods or apparatuses indicated, and should be so considered. Since processing variables are a major factor in product performance, this information should serve only as a guide. Since customers' testing conditions are outside our control, the

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