

P4G4B-125A

DESCRIPTION: Homopolymer

FEATURES: Good stiffness, nucleated and Antistat. Produced without animal derived components or phthalates.

APPLICATIONS: Injection Molding: General Purpose, caps and closures

PROPERTY	NOMINAL VALUE	SI UNIT	NOMINAL VALUE	ENGLISH UNIT	ASTM TEST METHOD
Melt Flow Rate	12	g/10 min.			D 1238
Density	0.90	g/cm ³			D 1505
Tensile Yield Strength	39	MPa	5600	psi	D 638
Yield Elongation	8	%	8	%	
Flexural Modulus 1% Secant	1520	MPa	221	kpsi	D 790
Tangent	NA		NA		
Deflection Temperature @ 66 psi (.455 MPa)	110	°C	230	°F	D 648
Rockwell Hardness			102	R	D 785
Notched Izod @ 23°C	30	J/m	.6	ft-lb/in	D 256
Gardner Impact @ 23°C	6	J	50	in-lb	D 5420

May-14


REGULATORY

FDA – 21 CFR 177.1520 (c) 1.1a.

UL certified - 94 HB

Drug Master File listed

USP Class VI certified

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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