

P4G4A-053

DESCRIPTION: Homopolymer

FEATURES: Good stiffness, long term heat aging (LTHA). Product does not contain animal derived components. Phthalate-free.

APPLICATIONS: Injection molding: High heat resistance

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	37	MPa		5400	psi	D 638
Ultimate Elongation	8	%		8	%	
Flexural Modulus 1% Secant Tangent	1480 NA	MPa		214 NA	psi	D 790
Deflection Temperature @ 66 psi (.455 MPa)	96	°C		205	°F	D 648
Rockwell Hardness				108	R	D 785
Notched Izod @ 23 °C	20	J/m		.4	ft-lb/in	D 256
Gardner Impact @ 23 °C	2	J		20	in-lb	D 5420

Mar-10



Regulatory

FDA – 21 CFR 177.1520 (c) 1.1a.

UL Certified 94HB

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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 reproducibility of our data in a customer's testing facility is not guaranteed. Customer should confirm results under its testing conditions. There is no implied warranty of merchantability or fitness for a particular purpose. Establishing satisfactory performance of the product for the intended application is the customer's sole responsibility. No warranty is given concerning the existence or non-existence of any patents claiming any pertinent subject matter presented herein. The Company assumes no obligation, express or implied, or liability for use of or reliance on the information and data presented. FHR disclaims all product warranties expressed or implied, including warranties of fitness for particular purpose or of merchantability. Further, this product is not intended for use in the manufacture of any form of implanted medical or surgical device.