

P4G3N-206X

DESCRIPTION: Homopolymer

FEATURES: Product does not contain animal derived components. Phthalate-free.

APPLICATIONS: Injection molded durables, Consumer items

PROPERTY	NOMINAL VALUE	SI UNIT	NOMINAL VALUE	ENGLISH UNIT	ASTM TEST METHOD
Melt Flow Rate	5	g/10 min.			D 1238
Density	0.9	g/cm ³			D 1505
Tensile Yield Strength Yield Elongation	38 9	MPa %	5510	psi %	D 638
Flexural Modulus 1% Secant Tangent	1650 1740	MPa	240 252	kpsi	D 790
Deflection Temperature @ 66 psi (.455 MPa)	119	°C	246	°F	D 648
Rockwell Hardness	99		99	R	D 785
Notched Izod @ 23°C	36	J/m	0.7	ft-lb/in	D 256

March-10 *Developmental product values are based on limited data. Product may not be commercially available in the future



REGULATORY

Complies with FDA - 21 CFR 177.1520(c) 1.1a

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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.