

POLYPROPYLENE

P6E5A-004

- DESCRIPTION:** Impact Copolymer
- FEATURES:** High impact and low stiffness.
- APPLICATIONS:** Injection molding: Toys, housewares, small appliances

PROPERTY	NOMINAL VALUE	SI UNIT	NOMINAL VALUE	ENGLISH UNIT	ASTM TEST METHOD
Melt Flow Rate	15	g/10 min.			D 1238
Density	0.9	g/cm ³			D 1505
Tensile Yield Strength Ultimate Elongation	19 8	MPa %	2800 8	psi %	D 638
Flexural Modulus 1% Secant Tangent	660 670	MPa	96 97	kpsi	D 790
Deflection Temperature @ 66 psi (.455 MPa)	67	°C	153	°F	D 648
Rockwell Hardness			55	R	D 785
Notched Izod @ 23°C	NB*	kJ/m	NB*	ft-lb/in	D 256
Gardner Impact @ -30°C	>36	J	>320	in-lb	D 5420

Sept-08



REGULATORY
UL Certified 94HB

*NB = No Break

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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.