

POLYPROPYLENE

AP5206-HN

DESCRIPTION: Impact Copolymer

FEATURES: Nucleated for fast cycle and good mold release. Product does not contain animal derived components.

APPLICATIONS: Compression and injection molding: caps and closures

PROPERTY	NOMINAL VALUE	SI UNIT	NOMINAL VALUE	ENGLISH UNIT	ASTM TEST METHOD
Melt Flow Rate	5	g/10 min.			D 1238
Density	0.90	g/cm ³			D 1505
Tensile Yield Strength Yield Elongation	30.3 6	MPa %	4400 6	psi %	D 638
Flexural Modulus 1% Secant Tangent	1517 1586	MPa	220 230	Kpsi	D 790
Deflection Temperature @ 66 psi (.455 MPa)	108	°C	228	°F	D 648
Rockwell Hardness			104	R	D 785
Notched Izod @ 23°C	107	J/m	2.0	ft-lb/in	D 256
Gardner Impact @ -30°C	9	J	76	in-lb	D 5420

Jan_10



Regulatory

FDA – 21 CFR 177.1520 (c) 3.1a.

118 Huntsman Way, Longview, TX 75602 · Tel: 1-800-985-7303

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.