

POLYPROPYLENE

AP5520-HA

- DESCRIPTION:** Impact Copolymer
- FEATURES:** Nucleated, good processability, anti-stat and good mold release.
- APPLICATIONS:** Injection molding: large parts, containers, closures

| PROPERTY | NOMINAL VALUE | SI UNIT | NOMINAL VALUE | ENGLISH UNIT | ASTM TEST METHOD |
|---|---------------|-------------------|---------------|--------------|------------------|
| Melt Flow Rate | 20 | g/10 min. | | | D 1238 |
| Density | 0.90 | g/cm ³ | | | D 1505 |
| Tensile Yield Strength | 26 | MPa | 3750 | psi | D 638 |
| Yield Elongation | 6 | % | 6 | % | |
| Flexural Modulus 1% Secant Tangent | 1379 | MPa | 200 | kpsi | D 790 |
| Deflection Temperature @ 66 psi (.455 MPa) | 100 | °C | 212 | °F | D 648 |
| Rockwell Hardness | | | 100 | R | D 785 |
| Notched Izod @ 23 °C | 112 | J/m | 2.1 | ft-lb/in | D 256 |
| Gardner Impact @ -30 °C | 17 | J | 150 | in-lb | D 5420 |

Sept-08

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.