

**P4C6B-134A**

**DESCRIPTION:** Homopolymer

**FEATURES:** Excellent processability, nucleated and antistat. Product does not contain animal derived components. Phthalate-free.

**APPLICATIONS:** Injection Molding: Cutlery, Consumer Products, Cosmetic Packaging, Caps and Closures

| PROPERTY                                      | NOMINAL VALUE | SI UNIT           | NOMINAL VALUE | ENGLISH UNIT | ASTM TEST METHOD |
|---|---------------|-------------------|---------------|--------------|------------------|
| Melt Flow Rate                                | 35            | g/10 min.         |               |              | D 1238           |
| Density                                       | 0.90          | g/cm <sup>3</sup> |               |              | D 1505           |
| Tensile<br>Yield Strength                     | 39            | MPa               | 5600          | psi          | D 638            |
| Yield Elongation                              | 8             | %                 | 8             | %            |                  |
| Flexural Modulus<br>1% Secant<br>Tangent      | 1590<br>NA    | MPa               | 230<br>NA     | kpsi         | D 790            |
| Deflection Temperature @ 66<br>psi (.455 MPa) | 111           | °C                | 232           | °F           | D 648            |
| Rockwell Hardness                             |               |                   | 112           | R            | D 785            |
| Notched Izod @ 23°C                           | 20            | J/m               | .4            | ft-lb/in     | D 256            |
| Gardner Impact @ 23°C                         | 6             | J                 | 50            | in-lb        | D 5420           |

Mar-10



**REGULATORY**

FDA – 21 CFR 177.1520 (c) 1.1a.