

Technical Data Sheet

# POLYFORT® PP 3495UX

Polypropylene  
Engineering Plastics

**Product Description**

PP High Flow High Impact Unfilled

**General**

|                   |                                      |
|-------------------|--------------------------------------|
| Material Status   | • Commercial: Active                 |
| Availability      | • North America                      |
| Features          | • High Flow • High Impact Resistance |
| Processing Method | • Injection Molding                  |

| Physical                                | Nominal Value (English) | Nominal Value (SI)      | Test Method |
|---|-------------------------|-------------------------|-------------|
| Density / Specific Gravity              | 0.902                   | 0.900 g/cm <sup>3</sup> | ASTM D792   |
| Mechanical                              | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Tensile Strength <sup>1</sup> (Yield)   | 3480 psi                | 24.0 MPa                | ASTM D638   |
| Tensile Elongation <sup>1</sup> (Break) | 350 %                   | 350 %                   | ASTM D638   |
| Flexural Modulus <sup>2</sup>           | 160000 psi              | 1100 MPa                | ASTM D790   |
| Impact                                  | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Notched Izod Impact                     | 1.9 ft·lb/in            | 100 J/m                 | ASTM D256   |
| Thermal                                 | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Deflection Temperature Under Load       |                         |                         | ASTM D648   |
| 66 psi (0.45 MPa), Unannealed           | 230 °F                  | 110 °C                  |             |
| 264 psi (1.8 MPa), Unannealed           | 140 °F                  | 60.0 °C                 |             |

**Notes**

<sup>1</sup> 2.0 in/min (50 mm/min)

<sup>2</sup> 0.051 in/min (1.3 mm/min)

**Notes**

These are typical property values not to be construed as specification limits.