

Material Identification

PP1

Various colors

 ASTM D5857 PP 0337 Z1,Z2,Z3
 Chrysler MS-DB500-CPN4523
 GM QK003721
 GM6090M (B4-A)

| Properties | Value | Unit | Test Conditions | |
|---|-------|--------|-----------------|-------------------------|
| General | | | | |
| Specific gravity | 0.9 | --- | --- | ASTM D792 |
| Mechanical | | | | |
| Tensile Stress at Yield | 27 | MPa | 50 mm/min | ASTM D638 |
| Tensile Strain at Yield | 11 | % | 50 mm/min | ASTM D638 |
| Flexural modulus, tangent | 1100 | MPa | 1.3 mm/min | ASTM D790 |
| Notched Izod Impact Strength | 265 | J/m | 23°C | ASTM D256 |
| | 53 | J/m | 0°C | ASTM D256 |
| Thermal | | | | |
| Heat Deflection Temperature | 94 | °C | 455 kPa | ASTM D648 |
| Flammability | | | | |
| Burning rate | 73 | mm/min | --- | FMVSS 302 ¹⁾ |
| | HB | Class | 3 mm | UL94 |
| Product specifications ¹⁾ | | | | |
| Service temperature | -40 | °C | 1000h | - |
| | 100 | °C | 3000h | - |
| Peak temperature | 125 | °C | 240h | - |

1) product related - corrugated tube

The stated values fall within the normal range of properties of the base polymer out of the mixed composition unless otherwise noted. They should not be used for setting specific limits or used as a basis for design as the properties are extensively affected by the tool design and processing conditions. Users of this product are responsible for evaluating this product to ensure their own satisfaction that it is suitable for their intended uses. All information is given without warranty or guarantee. Before working with this product, users must read and familiarize themselves with the available health, safety and environmental information that is available regarding product hazards, proper use and handling.