

Ultraform® N 2640 Z4 BK140 Q600

Polyoxymethylene (POM)



Product Description

Ultraform N 2640 Z4 BK140 Q600 is a pigmented black, high toughness, elastomer-modified injection molding POM grade.

Applications

Typical applications include toys components such as bicycle frames, automotive parts such as cladding elements and windshield wiper units, and clips, snap and fastening elements, and other components subject to impact stress.

| PHYSICAL | ISO Test Method | Property Value |
|--|-----------------|----------------|
| Density, g/cm ³ | 1183 | 1.35 |
| Moisture, % | 62 | |
| (50% RH) | | 0.25 |
| (Saturation) | | 0.8 |
| MECHANICAL | ISO Test Method | Property Value |
| Tensile Modulus, MPa | 527 | |
| 23C | | 1,550 |
| Tensile stress at yield, MPa | 527 | |
| 23C | | 36 |
| Tensile strain at yield, % | 527 | |
| 23C | | 14 |
| Nominal strain at break, % | 527 | |
| 23C | | >50 |
| Flexural Modulus, MPa | 178 | |
| 23C | | 1,740 |
| IMPACT | ISO Test Method | Property Value |
| Izod Notched Impact, kJ/m ² | 180 | |
| 23C | | 11.7 |
| THERMAL | ISO Test Method | Property Value |
| Melting Point, C | 3146 | 167 |

Note

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