

Ultradur® S 4090 G6 LS BK15077

PBT (Polybutylene Terephthalate)



Product Description

Ultradur S 4090 G6 LS BK15077 is a 30% glass reinforced PBT + ASA blend. It produces moldings with good surface finish and is resistant to chemicals and stress cracking. It has low shrinkage and warpage.

| PHYSICAL | ISO Test Method | Property Value |
|--|-----------------|----------------|
| Density, g/cm ³ | 1183 | 1.47 |
| Viscosity Number, cm/g | 1628 | 111 |
| Moisture, % | 62 | |
| (50% RH) | | 0.2 |
| (Saturation) | | 0.4 |
| MECHANICAL | ISO Test Method | Property Value |
| Tensile stress at break, MPa | 527 | |
| 23C | | 120 |
| Tensile strain at break, % | 527 | |
| 23C | | 2.3 |
| Flexural Modulus, MPa | 178 | |
| 23C | | 8,510 |
| IMPACT | ISO Test Method | Property Value |
| Izod Notched Impact, kJ/m ² | 180 | |
| 23C | | 7 |
| THERMAL | ISO Test Method | Property Value |
| Melting Point, C | 3146 | 223 |
| HDT A, C | 75 | 192 |

Note

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