

MAXNITE 550GF30

MAXNITE 550GF30 is a 30% glass filled Polybutylene Terephthalate (PBT) that has excellent flow, outstanding rigidity, higher heat and dimensional stability. This material is available in black. Typical applications include: automotive lighting brackets, housings and covers, windscreen wiper arms, mirror arms, mirror housings, and rain sensors. Please contact us for additional information.

Typical ISO Properties

Properties

| PHYSICAL | Test Method | | S. I. Units |
|---|-------------|------|-------------|
| Specific Gravity | ISO 1183 | 1.52 | NA |
| Reinforcement Content | ISO 3451 | 30 | % |
| MECHANICAL | | | |
| Tensile Strength @ Yield | ISO 527 | 130 | MPa |
| Flexural Modulus | ISO 178 | 8500 | MPa |
| THERMAL | | | |
| Deflection Temperature, unannealed. 0.125" (3.2mm) 264 psi (1.8 MPa), Load | ISO 75 | 190 | °C |