

DURANEX® SF3300

Polyplastics - Polybutylene Terephthalate

General Information

Product Description

Super High Flow, HB

GF30% reinforced, Standard

General

| | |
|-------------------------------|-------------------------------------|
| Filler / Reinforcement | • Glass Fiber, 30% Filler by Weight |
| Features | • High Flow |
| Forms | • Pellets |
| Processing Method | • Injection Molding |
| Part Marking Code (ISO 11469) | • >PBT-GF30< |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|--|---------------|-----------------------|-------------|
| Density | 1.53 | g/cm ³ | ISO 1183 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress | 19600 | psi | ISO 527-2 |
| Tensile Strain (Break) | 1.9 | % | ISO 527-2 |
| Flexural Modulus | 1.35E+6 | psi | ISO 178 |
| Flexural Stress | 31600 | psi | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength (73°F) | 4.8 | ft·lb/in ² | ISO 179/1eA |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load 264 psi, Unannealed | 415 | °F | ISO 75-2/A |
| Flammability | Nominal Value | Unit | Test Method |
| Flame Rating | HB | | UL 94 |
| Additional Information | Nominal Value | Unit | |
| Color Number | EF2001/ED3002 | | |