

Technical Data Sheet

Gapex RPP40EB39 HB Black

Polypropylene
LyondellBasell Industries
Engineering Plastics

| General | | | |
|--|-------------------------------------|------------------------|-------------|
| Filler / Reinforcement | • Glass Fiber, 40% Filler by Weight | | |
| Features | • Chemically Coupled | | |
| Appearance | • Black | | |
| Forms | • Pellets | | |
| Physical | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Density / Specific Gravity | 1.23 | 1.23 g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg) | 5.7 g/10 min | 5.7 g/10 min | ASTM D1238 |
| Mechanical | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Tensile Strength (73°F (23°C)) | 12500 psi | 86.2 MPa | ASTM D638 |
| Flexural Modulus - Tangent (73°F (23°C)) | 1.11E+6 psi | 7630 MPa | ASTM D790 |
| Impact | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Notched Izod Impact (73°F (23°C)) | 1.5 ft·lb/in | 80 J/m | ASTM D256 |
| Thermal | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Deflection Temperature Under Load 66 Psi (0.45 Mpa), Unannealed | 320 °F | 160 °C | ASTM D648 |
| RTI Elec | 149 °F | 65.0 °C | UL 746B |
| RTI Imp | 149 °F | 65.0 °C | UL 746B |
| RTI Str | 149 °F | 65.0 °C | UL 746B |
| Flammability | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Flame Rating | HB | HB | UL 94 |

Notes

These are typical property values not to be construed as specification limits.