



ECHO® RPC30G BK

Entec Polymers - Polypropylene Homopolymer

Tuesday, November 5, 2019

General Information

General

| | |
|------------------------|-------------------------------------|
| Material Status | • Commercial: Active |
| Availability | • North America |
| Filler / Reinforcement | • Glass Fiber, 30% Filler by Weight |
| Recycled Content | • Yes |
| Features | • Homopolymer |
| Appearance | • Black |
| Forms | • Pellets |

ASTM & ISO Properties ¹

| | Nominal Value | Unit | Test Method |
|--------------------------------------|---------------|----------|-------------|
| Physical | | | |
| Density / Specific Gravity | 1.17 | | ASTM D792 |
| Melt Mass-Flow Rate (230°C/2.16 kg) | 6.0 | g/10 min | ASTM D1238 |
| Mechanical | | | |
| Tensile Strength | 10700 | psi | ASTM D638 |
| Tensile Elongation (Yield, 73°F) | 3.0 | % | ASTM D638 |
| Flexural Modulus (73°F) | 870000 | psi | ASTM D790 |
| Impact | | | |
| Notched Izod Impact (73°F, 0.125 in) | 2.3 | ft·lb/in | ASTM D256 |
| Thermal | | | |
| Deflection Temperature Under Load | | | ASTM D648 |
| 264 psi, Unannealed | 299 | °F | |

Notes

¹ Typical properties: these are not to be construed as specifications.