

OMNIPRO® CPP GRC20
Celanese Corporation - Polypropylene
General Information
General

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|-------------------------------|--|
| Material Status | • Commercial: Active |
| Availability | • Africa & Middle East • Europe • Asia Pacific • Latin America • North America |
| Filler / Reinforcement | • Glass Fiber, 20% Filler by Weight |
| Part Marking Code (ISO 11469) | • >PP-GF20< |
| Resin ID (ISO 1043) | • PP-GF20 |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---|----------------------|-----------------------|--------------------|
| Density | 1.05 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 10 | g/10 min | ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 754000 | psi | ISO 527-1 |
| Tensile Stress (Break) | 8700 | psi | ISO 527-2/5 |
| Tensile Strain (Break) | 3.0 | % | ISO 527-2/5 |
| Flexural Modulus | 696000 | psi | ISO 178 |
| Flexural Stress | 17400 | psi | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Unnotched Impact Strength (73°F) | 5.2 | ft·lb/in ² | ISO 179/1eU |

Notes

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

