

Technical Data Sheet

Accutech CP0436G15M15CL

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

| General | |
|------------------------|---|
| Filler / Reinforcement | • Glass Fiber, 15% Filler by Weight • Mineral, 15% Filler by Weight |
| Forms | • Pellets |

| Physical | Nominal Value (English) | Nominal Value (SI) | Test Method |
|---|-------------------------|------------------------|-------------|
| Density / Specific Gravity | 1.10 | 1.10 g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg) | 5.0 g/10 min | 5.0 g/10 min | ASTM D1238 |
| Mechanical | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Tensile Modulus | 442000 psi | 3050 MPa | ASTM D638 |
| Tensile Strength | | | ASTM D638 |
| Yield | 5080 psi | 35.0 MPa | |
| Break | 4790 psi | 33.0 MPa | |
| Tensile Elongation | | | ASTM D638 |
| Yield | 4.0 % | 4.0 % | |
| Break | 9.0 % | 9.0 % | |
| Flexural Modulus | 508000 psi | 3500 MPa | ASTM D790 |
| Flexural Strength | 7690 psi | 53.0 MPa | ASTM D790 |
| Impact | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Notched Izod Impact | 2.2 ft-lb/in | 120 J/m | ASTM D256 |
| Hardness | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Rockwell Hardness (R-scale) | 57 | 57 | ASTM D785 |
| Thermal | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Deflection Temperature Under Load | | | ASTM D648 |
| 66 Psi (0.45 Mpa), Unannealed | 304 °F | 151 °C | |
| 264 Psi (1.8 Mpa), Unannealed | 234 °F | 112 °C | |

| Additional Information | |
|--------------------------|-----|
| Ash Content, ASTM D2584: | 30% |

Notes

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