

ACCUTECH™ CP0436G20CL

Polypropylene Copolymer
ACLO Compounders Inc.

Message:

ACCUTECH™CP0436G20CL is a polypropylene copolymer (PP Copoly) product, which contains a 20% glass fiber reinforced material. It is available in North America.

| General Information | | | |
|---|---|-------------------|-------------|
| Filler / Reinforcement | Glass fiber reinforced material, 20% filler by weight | | |
| Forms | Particle | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.02 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 6.0 | g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow | 0.20 | % | ASTM D955 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 85 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 2500 | MPa | ASTM D638 |
| Tensile Strength | | | ASTM D638 |
| Yield | 41.0 | MPa | ASTM D638 |
| Fracture | 40.0 | MPa | ASTM D638 |
| Tensile Elongation | | | ASTM D638 |
| Yield | 5.0 | % | ASTM D638 |
| Fracture | 7.0 | % | ASTM D638 |
| Flexural Modulus | 2900 | MPa | ASTM D790 |
| Flexural Strength | 60.0 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 100 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load | | | ASTM D648 |
| 0.45 MPa, not annealed | 153 | °C | ASTM D648 |
| 1.8 MPa, not annealed | 123 | °C | ASTM D648 |
| Additional Information | | | |

Ash Content, ASTM D2584: 20%

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