

ACCUTECH™ HP0336G10CL

Polypropylene Homopolymer
ACLO Compounders Inc.

Message:

ACCUTECH™HP0336G10CL is a polypropylene homopolymer (PP Homopoly) product, and its filler is 10% glass fiber reinforced material. It is available in North America.

| General Information | | | |
|---|---|-------------------|-------------|
| Filler / Reinforcement | Glass fiber reinforced material, 10% filler by weight | | |
| Forms | Particle | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.948 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 9.0 | g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow | 0.40 | % | ASTM D955 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 101 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 2200 | MPa | ASTM D638 |
| Tensile Strength | | | ASTM D638 |
| Yield | 37.0 | MPa | ASTM D638 |
| Fracture | 33.0 | MPa | ASTM D638 |
| Tensile Elongation | | | ASTM D638 |
| Yield | 4.0 | % | ASTM D638 |
| Fracture | 9.0 | % | ASTM D638 |
| Flexural Modulus | 2300 | MPa | ASTM D790 |
| Flexural Strength | 53.0 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 28 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load | | | ASTM D648 |
| 0.45 MPa, not annealed | 140 | °C | ASTM D648 |
| 1.8 MPa, not annealed | 110 | °C | ASTM D648 |
| Additional Information | | | |

Ash Content, ASTM D2584: 10%

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