

ACCUTECH™ HP0339M20CL

Polypropylene Homopolymer
ACLO Compounders Inc.

Message:

ACCUTECH™HP0339M20CL is a polypropylene homopolymer (PP Homopoly) product, which contains 20% mica filler. It is available in North America. The main characteristics are: chemical coupling.

| General Information | | | |
|---|-----------------------------------|-------------------|-------------|
| Filler / Reinforcement | Mica filler, 20% filler by weight | | |
| Features | Chemical coupling | | |
| 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) | 14 | g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow | 0.90 | % | ASTM D955 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 80 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 2500 | MPa | ASTM D638 |
| Tensile Strength | | | ASTM D638 |
| Yield | 35.0 | MPa | ASTM D638 |
| Fracture | 31.0 | MPa | ASTM D638 |
| Tensile Elongation | | | ASTM D638 |
| Yield | 5.0 | % | ASTM D638 |
| Fracture | 12 | % | ASTM D638 |
| Flexural Modulus | 3000 | MPa | ASTM D790 |
| Flexural Strength | 51.0 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 33 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load | | | ASTM D648 |
| 0.45 MPa, not annealed | 126 | °C | ASTM D648 |
| 1.8 MPa, not annealed | 71.0 | °C | ASTM D648 |
| Additional Information | | | |

Ash Content, ASTM D2584: 20%

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