

ACCUTECH™ CP0437T40V

Polypropylene Copolymer
ACLO Compounders Inc.

Message:

ACCUTECH™CP0437T40V is a polypropylene copolymer (PP Copoly) product, which contains 40% talc filler. It is available in North America. Typical application areas are: automotive industry.

| General Information | | | |
|-------------------------------------------|-----------------------------------|-------------------|-------------|
| Filler / Reinforcement | Talc filler, 40% filler by weight | | |
| Uses | Application in Automobile Field | | |
| Forms | Particle | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.23 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 12 | g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow | 0.60 | % | ASTM D955 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 87 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 3100 | MPa | ASTM D638 |
| Tensile Strength (Yield) | 30.0 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 20 | % | ASTM D638 |
| Flexural Modulus | 3800 | MPa | ASTM D790 |
| Flexural Strength | 52.0 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 43 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load | | | ASTM D648 |
| 0.45 MPa, not annealed | 135 | °C | ASTM D648 |
| 1.8 MPa, not annealed | 78.0 | °C | ASTM D648 |
| Additional Information | | | |
| Ash Content, ASTM D2584: 37 to 43% | | | |

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