

# ACCUTECH™ CP0437M40L

Polypropylene Copolymer  
ACLO Compounders Inc.

Message:

ACCUTECH™CP0437M40L is a polypropylene copolymer (PP Copoly) product, which contains 40% mica filler. It is available in North America.

| General Information                       |                                   |                   |             |
|-------------------------------------------|-----------------------------------|-------------------|-------------|
| Filler / Reinforcement                    | Mica filler, 40% filler by weight |                   |             |
| Forms                                     | Particle                          |                   |             |
| Physical                                  | Nominal Value                     | Unit              | Test Method |
| Specific Gravity                          | 1.19                              | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 15                                | g/10 min          | ASTM D1238  |
| Molding Shrinkage - Flow                  | 0.60                              | %                 | ASTM D955   |
| Hardness                                  | Nominal Value                     | Unit              | Test Method |
| Rockwell Hardness (R-Scale)               | 33                                |                   | ASTM D785   |
| Mechanical                                | Nominal Value                     | Unit              | Test Method |
| Tensile Modulus                           | 2500                              | MPa               | ASTM D638   |
| Tensile Strength                          |                                   |                   | ASTM D638   |
| Yield                                     | 15.0                              | MPa               | ASTM D638   |
| Fracture                                  | 14.0                              | MPa               | ASTM D638   |
| Tensile Elongation                        |                                   |                   | ASTM D638   |
| Yield                                     | 2.0                               | %                 | ASTM D638   |
| Fracture                                  | 6.0                               | %                 | ASTM D638   |
| Flexural Modulus                          | 3000                              | MPa               | ASTM D790   |
| Flexural Strength                         | 22.0                              | 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                    | 101                               | °C                | ASTM D648   |
| 1.8 MPa, not annealed                     | 63.0                              | °C                | ASTM D648   |
| Additional Information                    |                                   |                   |             |

Ash Content, ASTM D2584: 40%

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