

# ACCUTECH™ CP0437W40L

Polypropylene Copolymer  
ACLO Compounders Inc.

Message:

ACCUTECH™CP0437W40L is a polypropylene copolymer (PP Copoly) product, which contains a filler of 40% wollastonite (casio3). It is available in North America.

| General Information                       |                                             |          |             |
|-------------------------------------------|---------------------------------------------|----------|-------------|
| Filler / Reinforcement                    | Wollastonite (CaSiO3), 40% filler by weight |          |             |
| Forms                                     | Particle                                    |          |             |
| Physical                                  | Nominal Value                               | Unit     | Test Method |
| Specific Gravity                          | 1.24                                        | g/cm³    | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 17                                          | g/10 min | ASTM D1238  |
| Molding Shrinkage - Flow                  | 0.50                                        | %        | ASTM D955   |
| Hardness                                  | Nominal Value                               | Unit     | Test Method |
| Rockwell Hardness (R-Scale)               | 43                                          |          | ASTM D785   |
| Mechanical                                | Nominal Value                               | Unit     | Test Method |
| Tensile Modulus                           | 2300                                        | MPa      | ASTM D638   |
| Tensile Strength                          |                                             |          | ASTM D638   |
| Yield                                     | 14.0                                        | MPa      | ASTM D638   |
| Fracture                                  | 13.0                                        | MPa      | ASTM D638   |
| Tensile Elongation                        |                                             |          | ASTM D638   |
| Yield                                     | 3.0                                         | %        | ASTM D638   |
| Fracture                                  | 10                                          | %        | ASTM D638   |
| Flexural Modulus                          | 2100                                        | MPa      | ASTM D790   |
| Flexural Strength                         | 19.0                                        | MPa      | ASTM D790   |
| Impact                                    | Nominal Value                               | Unit     | Test Method |
| Notched Izod Impact                       | 140                                         | J/m      | ASTM D256   |
| Thermal                                   | Nominal Value                               | Unit     | Test Method |
| Deflection Temperature Under Load         |                                             |          | ASTM D648   |
| 0.45 MPa, not annealed                    | 100                                         | °C       | ASTM D648   |
| 1.8 MPa, not annealed                     | 59.0                                        | °C       | ASTM D648   |
| Additional Information                    |                                             |          |             |

Ash Content, ASTM D2584: 40%

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# Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

