

# ACCUTECH™ ABS832G30L

Acrylonitrile Butadiene Styrene  
ACLO Compounders Inc.

Message:

ACCUTECH™ABS832G30L is an acrylonitrile butadiene styrene (ABS) product, and its filler is 30% glass fiber reinforced material. It is available in North America.

| General Information                      |                                                       |          |             |
|------------------------------------------|-------------------------------------------------------|----------|-------------|
| Filler / Reinforcement                   | Glass fiber reinforced material, 30% filler by weight |          |             |
| Forms                                    | Particle                                              |          |             |
| Physical                                 | Nominal Value                                         | Unit     | Test Method |
| Specific Gravity                         | 1.26                                                  | g/cm³    | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (200°C/5.0 kg) | 0.40                                                  | g/10 min | ASTM D1238  |
| Molding Shrinkage - Flow                 | 0.10                                                  | %        | ASTM D955   |
| Hardness                                 | Nominal Value                                         | Unit     | Test Method |
| Rockwell Hardness (R-Scale)              | 103                                                   |          | ASTM D785   |
| Mechanical                               | Nominal Value                                         | Unit     | Test Method |
| Tensile Modulus                          | 5300                                                  | MPa      | ASTM D638   |
| Tensile Strength                         |                                                       |          | ASTM D638   |
| Yield                                    | 86.0                                                  | MPa      | ASTM D638   |
| Fracture                                 | 86.0                                                  | MPa      | ASTM D638   |
| Tensile Elongation                       |                                                       |          | ASTM D638   |
| Yield                                    | 3.0                                                   | %        | ASTM D638   |
| Fracture                                 | 4.0                                                   | %        | ASTM D638   |
| Flexural Modulus                         | 8100                                                  | MPa      | ASTM D790   |
| Flexural Strength                        | 134                                                   | MPa      | ASTM D790   |
| Impact                                   | Nominal Value                                         | Unit     | Test Method |
| Notched Izod Impact                      | 78                                                    | 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                    | 94.0                                                  | °C       | ASTM D648   |
| Additional Information                   |                                                       |          |             |

Ash Content, ASTM D2584: 30%

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