

# ACCUGUARD™ ABS860V0L

Acrylonitrile Butadiene Styrene

ACLO Compounders Inc.

## Message:

ACCUGUARD™ ABS860V0L is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in North America.

Characteristics include:

Flame Rated

Flame Retardant

| General Information                      |                 |                   |             |
|------------------------------------------|-----------------|-------------------|-------------|
| Features                                 | Flame Retardant |                   |             |
| UL File Number                           | E56070          |                   |             |
| Forms                                    | Pellets         |                   |             |
| Physical                                 | Nominal Value   | Unit              | Test Method |
| Specific Gravity                         | 1.20            | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (200°C/5.0 kg) | 5.0             | g/10 min          | ASTM D1238  |
| Molding Shrinkage - Flow                 | 0.40            | %                 | ASTM D955   |
| Hardness                                 | Nominal Value   | Unit              | Test Method |
| Rockwell Hardness (R-Scale)              | 92              |                   | ASTM D785   |
| Mechanical                               | Nominal Value   | Unit              | Test Method |
| Tensile Modulus                          | 1700            | MPa               | ASTM D638   |
| Tensile Strength                         |                 |                   | ASTM D638   |
| Yield                                    | 41.0            | MPa               |             |
| Break                                    | 27.0            | MPa               |             |
| Tensile Elongation                       |                 |                   | ASTM D638   |
| Yield                                    | 4.0             | %                 |             |
| Break                                    | 25              | %                 |             |
| Flexural Modulus                         | 2400            | MPa               | ASTM D790   |
| Flexural Strength                        | 57.0            | MPa               | ASTM D790   |
| Impact                                   | Nominal Value   | Unit              | Test Method |
| Notched Izod Impact                      | 360             | J/m               | ASTM D256   |
| Thermal                                  | Nominal Value   | Unit              | Test Method |
| Deflection Temperature Under Load        |                 |                   | ASTM D648   |
| 0.45 MPa, Unannealed                     | 77.0            | °C                |             |
| 1.8 MPa, Unannealed                      | 66.0            | °C                |             |
| Flammability                             | Nominal Value   |                   | Test Method |
| Flame Rating                             |                 |                   | UL 94       |
| 1.59 mm                                  | V-0             |                   |             |
| 2.54 mm                                  | 5VA             |                   |             |

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