

# BMC 850

Thermoset Polyester

Bulk Molding Compounds, Inc.

## Message:

BMC 850 is a Thermoset Polyester product filled with 30% glass fiber. It is available in North America.

Characteristics include:

Flame Rated

High Strength

| General Information       |                                  |                   |             |
|---------------------------|----------------------------------|-------------------|-------------|
| Filler / Reinforcement    | Glass Fiber,30% Filler by Weight |                   |             |
| Features                  | High Strength                    |                   |             |
| Forms                     | Pellets                          |                   |             |
| Physical                  | Nominal Value                    | Unit              | Test Method |
| Specific Gravity          | 1.74                             | g/cm <sup>3</sup> | ASTM D792   |
| Molding Shrinkage - Flow  | 0.10 to 0.30                     | %                 | ASTM D955   |
| Hardness                  | Nominal Value                    | Unit              | Test Method |
| Barcol Hardness           | 40                               |                   | ASTM D2583  |
| Mechanical                | Nominal Value                    | Unit              | Test Method |
| Tensile Strength (Yield)  | 34.5                             | MPa               | ASTM D638   |
| Flexural Modulus          | 12400                            | MPa               | ASTM D790   |
| Flexural Strength (Yield) | 103                              | MPa               | ASTM D790   |
| Impact                    | Nominal Value                    | Unit              | Test Method |
| Notched Izod Impact       | 320                              | J/m               | ASTM D256   |
| Flammability              | Nominal Value                    |                   | Test Method |
| Flame Rating              | HB                               |                   | UL 94       |

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## Recommended distributors for this material

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