



## TAFMER™ BL3450M 1-Butene Based Elastomer

### General Information

**TAFMER™ BL3450M**, 1-butene based polymer, is a specialty olefinic resin designed to control easy peel strength of Polyethylene (PE) based film.

**Attributes:** PE, PP compatibility

**FDA/EU Directive Conformity:** Conforms to FDA and EU Directive  
Please contact Mitsui sales representatives for more information

**Others:** Packed in pellet form  
Gel content controlled

| Physical Properties        | Test Method | Unit    | Value |
|----------------------------|-------------|---------|-------|
| MFR(190°C/2.16kg)          | ASTM D1238  | g/10min | 4.0   |
| MFR(230°C/2.16kg)          | ASTM D1238  | g/10min | 9.0   |
| Mechanical Properties      | Test Method | Unit    | Value |
| Tensile Strength at Break  | ASTM D638   | MPa     | 49    |
| Elongation at Break        | ASTM D638   | %       | 450   |
| Young's Modulus            | ASTM D638   | MPa     | 250   |
| Surface Hardness (Shore D) | ASTM D2240  | —       | 56    |
| Thermal Properties         | Test Method | Unit    | Value |
| Melting Point              | MCI Method  | °C      | 100   |
| Brittleness Temperature    | ASTM D746   | °C      | -32   |

#### Disclaimer:

Information contained herein is based on the material, information and data available as of the end of December 2013. No warranty is given for any data or evaluation results contained herein. It is also assumed that the product is to be used under normal conditions and with due precautions. If the product is to be used in any special manner, the user is requested safety measures to meet such new use or application.