

Exact™ 4056

Ethylene-based Plastomer Resin

ExxonMobil Chemical

Message:

EXACT 4056 is an ethylene-based hexene plastomer produced by ExxonMobil Chemical's EXXPOL® Catalyst Technology. This resin can be used in blends with polyolefins to improve the heat sealing performance and toughness in film applications. It is designed for use in dispersible film and batch inclusion bag applications.

| General Information | | | |
|-----------------------------|-----------------|------|-------------|
| Additive | heat stabilizer | | |
| Forms | Particle | | |
| Films | Nominal Value | Unit | Test Method |
| secant modulus | | | ASTM D882 |
| 1% secant, MD | 30.1 | MPa | ASTM D882 |
| 1% secant, TD | 34.3 | MPa | ASTM D882 |
| Tensile Strength | | | ASTM D882 |
| MD: Yield | 3.45 | MPa | ASTM D882 |
| TD: Yield | 2.91 | MPa | ASTM D882 |
| MD: Fracture | 64.3 | MPa | ASTM D882 |
| TD: Fracture | 61.1 | MPa | ASTM D882 |
| Tensile Elongation | | | ASTM D882 |
| MD: Yield | 12 | % | ASTM D882 |
| TD: Yield | 10 | % | ASTM D882 |
| MD: Fracture | 390 | % | ASTM D882 |
| TD: Fracture | 620 | % | ASTM D882 |
| Dart Drop Impact | 1000 | g | ASTM D1709A |
| Elmendorf Tear Strength | | | ASTM D1922 |
| MD | 72 | g | ASTM D1922 |
| TD | 170 | g | ASTM D1922 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 57.0 | °C | ASTM D1525 |
| Optical | Nominal Value | Unit | Test Method |
| Gloss (45°) | 79 | | ASTM D2457 |
| Haze | 2.6 | % | ASTM D1003 |
| Legal statement | | | |

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