



ELITE™ 5860

Enhanced Polyethylene Resin

Overview

Main Characteristics:

- For processing on conventional extrusion hardware with select other DOW polyolefin's and/or for select process configurations
- Contributes to packaging sealant performance including low seal initiation

Complies with:

- EU: Commission Regulation (EU) No 10/2011
- U.S. FDA 21 FCN 424

Consult the regulations for complete details.

Additive

- Antiblock: No
- Slip: No
- Processing Aid: No

| Physical | Nominal Value (English) | Nominal Value (SI) | Test Method |
|-----------------------------|-------------------------|-------------------------|-------------|
| Density | 0.908 g/cm ³ | 0.908 g/cm ³ | ASTM D792 |
| Melt Index (190°C/2.16 kg) | 22 g/10 min | 22 g/10 min | ASTM D1238 |
| Mechanical | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Tensile Stress (Break) | 2180 psi | 15.0 MPa | ISO 527-2 |
| Tensile Strain (Break) | 770 % | 770 % | ISO 527-2 |
| Flexural Modulus | 24800 psi | 171 MPa | ISO 178 |
| Thermal | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Vicat Softening Temperature | 178 °F | 81.0 °C | ASTM D1525 |
| Melting Temperature (DSC) | 205 °F | 96.0 °C | Dow Method |

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

