



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.

