

# ELITE™ 5860

Enhanced Polyethylene Resin

The Dow Chemical Company

## Message:

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.

General Information			
Agency Ratings	EU No 10/2011		
	FDA FCN 424		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.908	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	22	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	15.0	MPa	ISO 527-2
Tensile Strain (Break)	770	%	ISO 527-2
Flexural Modulus	171	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	81.0	°C	ASTM D1525
Melting Temperature (DSC)	96.0	°C	Internal Method

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## Recommended distributors for this material

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