

Technical Information



DOW™ LDPE 770G

Low Density Polyethylene Resin

Overview DOW LDPE 770G is Low Density Polyethylene Resin for Food and Industrial Packaging

Main Characteristics:

- Specially designed for high melt strength applications
- Provides excellent bubble or web stability in monolayer, coex or blend configurations
- Cast or blown film and extruded sheet

Complies with:

- U.S. FDA 21 CFR 177.1520 (c) 2.2
- EU, No 10/2011

Consult the regulations for complete details.

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.918 g/cm³	0.918 g/cm³	ASTM D792
Melt Index (190°C/2.16 kg)	2.3 g/10 min	2.3 g/10 min	ISO 1133
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus			ISO 527-1
–	31600 psi	218 MPa	
2% Secant	22500 psi	155 MPa	
Tensile Stress			ISO 527-2
Yield	1380 psi	9.50 MPa	
Break	1800 psi	12.4 MPa	
Tensile Strain (Break)	690 %	690 %	ISO 527-2
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	207 °F	97.1 °C	ASTM D1525
Melting Temperature (DSC)	230 °F	110 °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.



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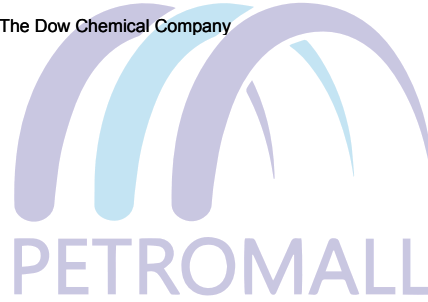
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