

LLD9220

Linear Low Density Polyethylene Resin

Product Description

LLD9220 is a narrow molecular weight butene copolymer designed for applications that require easy processability. This resin offers outstanding toughness and tear resistance in freezer applications for food packaging.

General

Availability ¹	▪ Latin America	▪ North America	
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Closures and Dispensers	▪ Housewares	▪ Protective Caps
Form(s)	▪ Pellets		
Revision Date	▪ 06/11/2020		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.925 g/cm ³	0.925 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	20 g/10 min	20 g/10 min	ASTM D1238
Peak Melting Temperature	250 °F	121 °C	RAMISLENE Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	189 °F	87.0 °C	RAMISLENE Method

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Yield	1900 psi	13 MPa	RAMISLENE Method
Elongation at Break	360 %	360 %	RAMISLENE Method
Flexural Modulus			RAMISLENE Method
1% Secant : Procedure B	69000 psi	480 MPa	
2% Secant : Procedure B	60000 psi	410 MPa	
Environmental Stress-Crack Resistance			RAMISLENE Method
Condition B, 10% Igepal, F50	110 hr	110 hr	

Processing Statement

All physical properties were measured on compression molded specimens.

Notes

Typical properties: these are not to be construed as specifications.

¹ Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.