

Trademark PE LLD2920G

Linear Low Density Polyethylene

Trademark Plastics Corporation

Message:

Trademark PE LLD2920G is a Linear Low Density Polyethylene product. It is available in North America. Applications of Trademark PE LLD2920G include additive/masterbatch and food contact applications.

Characteristics include:

Food Contact Acceptable

Good Processability

Good Toughness

General Information			
Features	Food Contact Acceptable		
	Good Processability		
	Good Toughness		
Uses	Color Concentrates		
	Masterbatch		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Granules		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	39		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 1% Secant	272	MPa	ASTM D638
Tensile Strength (Yield)	11.4	MPa	ASTM D638
Tensile Elongation (Break)	720	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -76.1	°C	ASTM D746
Vicat Softening Temperature	100	°C	ASTM D1525

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