

# Trademark PE LD2920F

Low Density Polyethylene  
Trademark Plastics Corporation

Message:

Trademark PE LD2920F is a Low Density Polyethylene product. It is available in North America. Applications of Trademark PE LD2920F include bags/liners, film, food contact applications, industrial applications and packaging.

Characteristics include:

Antiblock  
Food Contact Acceptable  
Good Processability  
Good Toughness  
Slip

General Information			
Additive	Medium Antiblock  Medium Slip		
Features	Additive Free  Food Contact Acceptable  Good Drawdown  Good Processability  Good Toughness  Medium Antiblocking  Medium Slip		
Uses	Bags  Film  Industrial Applications  Liners  Packaging		
Agency Ratings	FDA 21 CFR 177.1520(c) 2.1		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	51	µm	ASTM D882
Secant Modulus			
1% Secant, MD : 51 µm, Blown Film	179	MPa	
1% Secant, TD : 51 µm, Blown Film	217	MPa	ASTM D882
Tensile Strength			
MD : Break, 51 µm,Blown Film	21.4	MPa	

TD : Break, 51 μm,Blown Film	15.9	MPa	
Tensile Elongation			ASTM D882
MD : Break, 51 μm,Blown Film	200	%	
TD : Break, 51 μm,Blown Film	510	%	
Dart Drop Impact (51 μm, Blown Film)	110	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 51 μm, Blown Film	320	g	
TD : 51 μm, Blown Film	110	g	
Optical	Nominal Value	Unit	Test Method
Haze (50.8 μm, Blown Film)	11	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	182 to 199	°C	

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#### Recommended distributors for this material

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