

# VENELENÉ® 2111

Linear Low Density Polyethylene  
Poliolefinas Internacionales, C.A. (Polinter)

Message:

- Features:  
Good processability.  
High flexibility.
- Applications:  
Thin wall containers, lids, caps, closures, and house ware products.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Good Flexibility		
	Good Processability		
	Low Density		
Uses	Caps		
	Closures		
	Household Goods		
	Lids		
	Thin-walled Containers		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.924	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (10% Igepal, F50)	2.00	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	9.00	MPa	
Break	15.0	MPa	
Tensile Elongation			ASTM D638
Yield	24	%	
Break	> 500	%	
Flexural Modulus	200	MPa	ASTM D790
Flexural Strength (5.0% Strain)	8.00	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Gardner Impact	50.0	J/cm	ASTM D5420

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	90.0	°C	ASTM D1525
Injection	Nominal Value	Unit	
Processing (Melt) Temp	150 to 190	°C	
Mold Temperature	< 20.0	°C	

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#### Recommended distributors for this material

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