

VENELENÉ® 2706

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

Message:

- Features:
- Good processability.
 - Product designed for high impact.
 - Good rigidity.
 - High ESCR.
- Applications:
- Pails (food, lubricants, and paints).
 - Product designed for high impact, pile up, and chemical resistance for industrial parts requirements

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Good Chemical Resistance		
	Good Processability		
	High Density		
	High ESCR (Stress Crack Resist.)		
	High Impact Resistance		
	Medium Rigidity		
Uses	Industrial Applications		
	Pails		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.951	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.5	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (10% Igepal, F50)	5.00	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	22.0	MPa	
Break	30.0	MPa	
Tensile Elongation			ASTM D638
Yield	20	%	
Break	> 1500	%	
Flexural Modulus	700	MPa	ASTM D790
Flexural Strength (5.0% Strain)	20.0	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Gardner Impact	100	J/cm	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	127	°C	ASTM D1525
Injection	Nominal Value	Unit	
Processing (Melt) Temp	210 to 240	°C	
Mold Temperature	< 20.0	°C	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

