

VENELENÉ® 3200B

High Density Polyethylene
Poliolefinas Internacionales, C.A. (Polinter)

Message:

Features:
Good processability, rigidity, Impact resistance.
Moderate ESCR.
Applications:
Thin wall juice, milk, water, and food blow molded containers.
Co-extruded Tubular film.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Good Processability		
	High Density		
	High ESCR (Stress Crack Resist.)		
	Medium Rigidity		
Forms	Pellets		
Processing Method	Blow Molding		
	Coextrusion		
	Extrusion		
	Extrusion Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.966	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.65	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (10% Igepal, F50)	40.0	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	300	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	30.0	MPa	
Break	21.0	MPa	
Tensile Elongation (Break)	> 1200	%	ASTM D638
Flexural Modulus	1300	MPa	ASTM D790
Flexural Strength (5.0% Strain)	30.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Gardner Impact	130	J/cm	ASTM D5420
Thermal	Nominal Value	Unit	Test Method

Vicat Softening Temperature	130	°C	ASTM D1525
Extrusion	Nominal Value	Unit	
Melt Temperature	160 to 200	°C	
Die Temperature	< 20.0	°C	

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