

VENELENE® 2815

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

Message:

Features:
Good processability.
Good rigidity.
Applications:
Thin wall containers, lids, caps, closures, and housewares products.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Good Processability		
	High Density		
	Medium Rigidity		
Uses	Caps		
	Closures		
	Household Goods		
	Lids		
	Thin-walled Containers		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.953	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	55	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (10% Igepal, F50)	< 1.00	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	21.0	MPa	
Break	12.0	MPa	
Tensile Elongation			ASTM D638
Yield	19	%	
Break	> 200	%	
Flexural Modulus	650	MPa	ASTM D790
Flexural Strength (5.0% Strain)	19.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Gardner Impact	40.0	J/cm	ASTM D5420

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	125	°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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