

VENELENE® 2710

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

Message:

Features:
Good processability.
Good rigidity.
Good Impact resistance
Applications:
Houseware products, baskets, automobile parts, and general porpoise injection molded parts.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Good Impact Resistance		
	Good Processability		
	High Density		
	Medium Rigidity		
Uses	Automotive Applications		
	General Purpose		
	Household Goods		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	18	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (10% Igepal, F50)	2.50	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	23.0	MPa	
Break	16.0	MPa	
Tensile Elongation			ASTM D638
Yield	19	%	
Break	> 1000	%	
Flexural Modulus	700	MPa	ASTM D790
Flexural Strength (5.0% Strain)	20.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Gardner Impact	80.0	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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