

VENELENÉ® 8407APUV

Medium Density Polyethylene

Poliolefinas Internacionales, C.A. (Polinter)

Message:

Features:

Good processability, rigidity, Impact resistance.

This product contains UV and antioxidant additives for outdoor long service life.

Applications:

Large and medium capacity tanks.

Heavy-duty industrial parts.

Toys.

General Information			
Additive	Antioxidant		
	UV Stabilizer		
Features	Antioxidant		
	Good Impact Resistance		
	Good Processability		
	Good UV Resistance		
	Medium Density		
	Medium Rigidity		
Uses	Industrial Applications		
	Tanks		
	Toys		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.939	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance			ASTM D1693
10% Igepal, F50	6.00	hr	
100% Igepal, F50	16.0	hr	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	18.0	MPa	
Break	17.0	MPa	
Tensile Elongation (Break)	> 1300	%	ASTM D638
Flexural Modulus	290	MPa	ASTM D790
Toughness	180	MPa	ASTM D638

Gardner Impact	80.0	J/cm	ASTM D5420
Oven Temperature	290 to 350	°C	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	126	°C	ASTM D1525

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Recommended distributors for this material

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