

VENELENÉ® 8405UV8D

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

Message:

Features:
Good rigidity, Impact resistance.
This product contains UV and antioxidant additives for outdoor long service life.
High ESCR.
Applications:
Large capacity tanks.

General Information			
Additive	Antioxidant UV Stabilizer		
Features	Antioxidant		
	Good Impact Resistance		
	Good UV Resistance		
	High ESCR (Stress Crack Resist.)		
	Medium Density		
	Medium Rigidity		
Uses	Tanks		
Forms	Pellets		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.937	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.7	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance			ASTM D1693
10% Igepal, F50	20.0	hr	
100% Igepal, F50	110	hr	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	21.0	MPa	
Break	30.0	MPa	
Tensile Elongation (Break)	> 1500	%	ASTM D638
Flexural Modulus	320	MPa	ASTM D790
Toughness	350	MPa	ASTM D638
Gardner Impact	90.0	J/cm	ASTM D5420
Oven Temperature	290 to 350	°C	
Thermal	Nominal Value	Unit	Test Method

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Recommended distributors for this material

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WECHAT