

VENELENÉ® 8504UV8D

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

Message:

Features:
Good processability, rigidity, Impact resistance.
Moderate ESCR.
This product contains UV and antioxidant additives for outdoor long service life.
Applications:
Large capacity tanks and heavy-duty industrial parts.

General Information			
Additive	Antioxidant UV Stabilizer		
Features	Antioxidant		
	Good Impact Resistance		
	Good Processability		
	Good UV Resistance		
	Medium Density		
	Medium Rigidity		
Uses	Industrial Applications Tanks		
Forms	Pellets		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.938	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.9	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance			ASTM D1693
10% Igepal, F50	24.0	hr	
100% Igepal, F50	140	hr	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	22.0	MPa	
Break	30.0	MPa	
Tensile Elongation (Break)	> 1500	%	ASTM D638
Flexural Modulus	310	MPa	ASTM D790
Toughness	380	MPa	ASTM D638
Gardner Impact	90.0	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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