

VENELENÉ® 7700B

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

Message:

Features:
Good processability, rigidity, Impact resistance.
Good ESCR
Applications:
Shipping Drums and large capacity aggressive chemical containers (from 20 to 220 liters capacity).

General Information	
Additive	Antioxidant
Features	Antioxidant
	Good Impact Resistance
	Good Processability
	High Density
	High ESCR (Stress Crack Resist.)
	Medium Rigidity
Uses	Containers
	Drums
Forms	Pellets
Processing Method	Blow Molding
	Extrusion
	Extrusion Blow Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.045	g/10 min	
190°C/21.6 kg	13	g/10 min	
Environmental Stress-Cracking Resistance (10% Igepal, F50)	> 1000	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	26.0	MPa	
Break	30.0	MPa	
Tensile Elongation (Break)	> 1500	%	ASTM D638
Flexural Modulus	950	MPa	ASTM D790
Flexural Strength (5.0% Strain)	15.0	MPa	ASTM D790
Toughness	300	MPa	ASTM D638

Gardner Impact	240	J/cm	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	128	°C	ASTM D1525
Extrusion	Nominal Value	Unit	
Melt Temperature	160 to 210	°C	
Die Temperature	< 20.0	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

