BU7100
High-density polyethylene (HDPE)

Description
BU7100 is a high-density polyethylene resin produced by Univation(Gas) Process, suitable for Blow molding which has excellent ESCR and stifness / impact strength

Characteristics
- High Melt-Strength
- Excellent Formability
- Excellent ESCR

Applications
- Large size industrial containers and drum, jerry can, Large part for blow (buoy, median strip)

Properties

	Properties	Test Method		Values	Nominal
Physical	Melt Flow Index (190℃, 21.6㎏)	ASTM	D1238	10.0	g/10min
	Density	ASTM	D1505	0.948	g/cm^3
Mechanical	Tensile Stress (Yield)	ASTM	D638	260	kgf/cm^2
	Tensile Strain (Break)	ASTM	D638	> 600	%
	Flexural Modulus	ASTM	D790	11,200	kgf/cm^2
	Notched IZOD Impact Strength (23℃)	ASTM	D256	NB	kgf·cm/cm
	ESCR	ASTM	D1693	> 1,000	F50hr

• NOTE : these are not to be construed as specifications

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