BU5300

High-density polyethylene (HDPE)

Description

BU5300 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
- High impact strength
- Excellent stress crack resistance and rigidity

Applications

- household industrial chemicals containers, cosmetics containers

Properties

	Properties	Test Method		Values	Nominal
Physical	Melt Flow Index (190℃, 21.6㎏)	ASTM	D1238	0.42	g/10min
	Density	ASTM	D1505	0.953	g/cm^3
Mechanical	Tensile Stress (Yield)	ASTM	D638	270	kgf/cm^2
	Tensile Strain (Break)	ASTM	D638	> 600	%
	Flexural Modulus	ASTM	D790	10,000	kgf/cm^2
	Notched IZOD Impact Strength (23℃)	ASTM	D256	35	kgf·cm/cm
	ESCR(100% Igepal)	ASTM	D1693	50	F50hr

• NOTE : these are not to be construed as specifications

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