

FL7000

High-density polyethylene (HDPE)



Description

FL7000 is a high-density polyethylene resin produced by Slurry(CSTR) Process, suitable for Film extrusion which has excellent performance and high film strength and rigidity

Characteristics

- Excellent Drawdown & Bubble Stability
- High Film-Strength

Applications

- Shopping / Garbage Bag

Properties

	Properties	Test Method		Values	Nominal
Physical	Melt Flow Index (190°C, 21.6kg)	ASTM	D1238	0.035	g/10min
	Density	ASTM	D1505	0.956	g/cm ³
Mechanical	Flexural Modulus	ASTM	D790	9,000	kgf/cm ²
Film (20μm)	Tensile Strength (Break) MD	ASTM	D882	550	kgf/cm ²
	TD			500	kgf/cm ²
	Elongation (Break) MD	ASTM	D882	350	%
	TD			500	%

• NOTE : these are not to be construed as specifications

• Process Condition : Temperature : 200°C, BUR : 4, Film Thickness 20μm

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