

FU5100

High-density polyethylene (HDPE)



Description

FU5100 is a high-density polyethylene resin produced by Univation(Gas) 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	10.0	g/10min
	Density	ASTM D1505	0.948	g/cm ³
Mechanical	Flexural Modulus	ASTM D790	8,000	kgf/cm ²
Film (20µm)	Tensile Strength (Break) MD	ASTM D882	490	kgf/cm ²
	TD		400	kgf/cm ²
	Elongation (Break) MD	ASTM D882	420	%
	TD		490	%

• NOTE : these are not to be construed as specifications

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

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