MF5000
High-density polyethylene (HDPE)

Description
MF5000 is a high-density polyethylene resin produced by Slurry(CSTR) Process, suitable for flat yarn / monofilament which has good stretching, spinning, high strength property and melting stability

Characteristics
- Good stretching and spinning
- High strength property and melting stability

Applications
- Monofilament for rope and net
- Flat yarn, stretched tape

Properties

	Properties	Test Method	Values	Nominal
Physical	Melt Flow Index (190℃, 2.16㎏)	ASTM D1238	0.95	g/10min
	Density	ASTM D1505	0.956	g/cm^3
Mechanical	Flexural Modulus	ASTM D790	9,000	kgf/cm^2
	Tensile Stress (Yield)	ASTM D638	250	kgf/cm^2
	Tensile Strain (Break)		500	%
	Rockwell Hardness	ASTM D785	50	R

• NOTE : these are not to be construed as specifications

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