

HD-EX 2

License Grade Code HF7750 M

High Density Polyethylene (HDPE)



Product Description

"EX2" is a high density polyethylene with 1-Butene as co monomer .It is Good rigidity, medium molar mass.

Applications

- Monofilaments
- Ropes
- Yarns

PROPERTY	UNIT	TYPICAL VALUE*	TEST METHOD
MASS DENSITY (230C)	g/cm ³	0.956	ISO 1183
MELT FLOW RATE (1900C/5.0KG)	g/10min	2.5	ISO 1133
MELT FLOW RATE (1900C/21.6 KG)	g/10min	25	ISO 1133
STRESS AT YIELD	MPa	27	ISO 527
FLEXURAL CREEP MODULUS (4POINT, 1MIN)	MPa	1350	DIN 19537-2
TENSILE MODULUS (230C, V = 1MM / MIN)	MPa	1200	ISO 527
STRESS AT BREAK	MPa	31	ISO 527
ELONGATION AT BREAK	%	>1000	ISO 527
ELONGATION AT YIELD	%	10	ISO 527
SOFTENING TEMPERATURE	0C	80	ISO 306
BRITTLE TEMPERATURE	0C	< - 80	ASTM D746-72
SHORE D HARDNESS	-	59	ISO 868
ESCR IN FULL NOTCH CREEP TEST (800C, 2%)	h@2.5 MPa	2	ISO CD 16770
IMPACT STRENGTH (230C)	Kj/m ²	19	ISO 179/1eA

Processing conditions

Recommended melt temperature: 220 - 270 °C

Producer: Marun Petrochemical Co.

Licensor: Basell

Packing: 25 Kg plastic bag

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