



HD-MF3820

High Density Polyethylene (HDPE)

Product Description

MF-3820 is a high molecular weight high density polyethylene.

Applications

- Bottle extrusion

PROPERTIES	UNIT	TYPICAL VALUE	TEST METHOD
DENSITY	g/cm ³	0.938	ISO 1183
MFR (190°C/21.6KG)	dg/min	20	ISO 1133
TENSILE MODULUS	MPa	650	ISO527-1
TENSILE STRESS AT YIELD	MPa	20	ISO 527-1
TENSILE STRAIN AT YIELD	%	10	ISO 527-1
HDT,(0.45MPa)	°C	61	ISO 75A-1
HDT,(1.80MPa)	°C	38	ISO 57B-1
VICAT TEMP,(A50,50°C/H,50N)	°C	62	ISO 306
NOTCHED TENSILE IMPACT STRENGTH,(-30°C)	KJ/m ²	200	ISO 8256

Producer: Arya Sasol Petrochemical Co.

Licensor: Basell

Packing: Supplied in pellet form and can be packed in 25 kg Bags, 1 ton semi bulk or 17 ton bulk

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