



HD-HB5020

High Density Polyethylene (HDPE)

Product Description

HB-5020 is a high molecular weight high density polyethylene.

Applications

Extrusion Blow Moulding

PROPERTIES	UNIT	TYPICAL VALUE	TEST METHOD
DENSITY	g/cm ³	-	ISO 1183
MFR (190°C/21.6KG)	dg/min	20.00	ISO 1133
MFR (190°C/2.16KG)	dg/min	0.22	ISO 1133
MFR (190°C/5KG)	dg/min	1.0	ISO 1133
TENSILE MODULUS	MPa	1000	ISO527-1
TENSILE STRESS AT YIELD	MPa	25	ISO 527-1
TENSILE STRAIN AT YIELD	%	9 %	ISO 527-1
HDT,(0.45MPA)	°C	75	ISO 75A-1
HDT,(1.80MPA)	°C	43	ISO 57B-1
VICAT TEMP,(A50,50°C/H,50N)	°C	78	ISO 306
NOTCHED TENSILE IMPACT	KJ/m ²	100	ISO 8256
MELTING POINT	°C	131	ISO 3146

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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