



HD-HB5510

High Density Polyethylene (HDPE)

Product Description

HB-5510 is a high molecular weight high density polyethylene.

Applications

- Extrusion large blow mouldings
- Jerry cans
- Film and blown Bags

PROPERTIES	UNIT	TYPICAL VALUE	TEST METHOD
DENSITY	g/cm ³	0.955	ISO 1183
MFR (190°C/21.6KG)	dg/min	10	ISO 1133
MFR (190°C/5KG)	dg/min	0.4	ISO 1133
TENSILE MODULUS	MPa	1100	ISO527-1
TENSILE STRESS AT YIELD	MPa	28.0	ISO 527-1
TENSILE STRAIN AT YIELD	%	8	ISO 527-1
HDT,(0.45MPa)	°C	74.0	ISO 75A-1
NOTCHED TENSILE IMPACT STRENGTH,(-30°C)	KJ/m ²	135	ISO 8256
MELTING POINT	°C	180-220	ISO 3146

Producer: Arya Sasol Petrochemical Co.

Licenser: 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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