

HD –HB5510

1) Product Description:

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

2) Applications:

- Extrusion large blow mouldings
- jerry cans
- film and blown Bags

3) Typical data.

Properties	Value	Unit	Test method
Density	0.955	g/cm ³	ISO 1183
MFR (190°C/21.6kg)	10	dg/min	ISO 1133
MFR (190°C/5kg)	0.4	dg/min	ISO 1133
Tensile Modulus	1100	MPa	ISO527-1
Tensile Stress at Yield	28.0	MPa	ISO 527-1
Tensile Strain at Yield	8	%	ISO 527-1
HDT,(0.45MPa)	74.0	°C	ISO 75A-1
Notched Tensile Impact Strength,(-30°C)	135	KJ/m ²	ISO 8256
Melting Point	180-220	°C	ISO 3146

The above data are typical laboratory average . They are intended to serve as guides only

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