

HD –HB5020

1) Product Description:

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

2) Applications:

Extrusion Blow Moulding

3) Typical data.

Properties	Value	Unit	Test method
Density	-----	g/cm3	ISO 1183
MFR (190°C/21.6kg)	20.00	dg/min	ISO 1133
MFR (190°C/2.16kg)	0.22	dg/min	ISO 1133
MFR (190°C/5kg)	1.0	dg/min	ISO 1133
Tensile Modulus	1000	MPa	ISO527-1
Tensile Stress at Yield	25	MPa	ISO 527-1
Tensile Strain at Yield	9 %	%	ISO 527-1
HDT,(0.45MPa)	75	°C	ISO 75A-1
HDT,(1.80MPa)	43	°C	ISO 57B-1
Vicat Temp,(A50,50°C/h,50N	78	°C	ISO 306
Notched Tensile Impact Strength,(30°C)	100	KJ/m2	ISO 8256
Melting Point	131	°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