



**NAME: HD -HB5510**

**Product Description:**

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

**Applications:**

Extrusion large blow moulding jerry cans film and blown Bags

**Typical Data: (Table)**

Properties	Value	Unit	Test method
Density	0.955	g/cm <sup>3</sup>	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 <sup>2</sup>	ISO 8256
Melting Point	180-220	°C	ISO 3146

The above data are typical laboratory average. They are intended to serve as guides only  
Basell Packing: Supplied in pellet form and can be packed in 25 kg Bags, 1-ton semi bulk or 17-ton bulk.