

## HD –HF5110

### 1) Product Description:

HF5110 is a high molecular weight high density polyethylene .

### 2) Applications:

- Extrusion, film, blown, bags and density modifies.

### 3) Typical data

Properties	Value	Unit	Test method
Density	0.950	g/cm <sup>3</sup>	ISO 1183
MFR (190°C/21.6kg)	10	dg/min	ISO 1133
Tensile Modulus	1050	MPa	ISO527-1
Tensile Strength(MD)	55	MPa	ISO 527-1,3
Tensile Strength(TD)	55	MPa	ISO 527-1,3
Tensile Strain at Break(MD)	580	%	ISO 527-1
Tensile Strain at Break(TD)	620	%	ISO 527-1
Tensile Stress at Yield	26	MPa	ISO 527-1
Tensile Strain at Yield	10	%	ISO 527-1
Elemendorf tear strength(MD)	250	mN	ISO 6383-2
Elemendorf tear strength(TD)	800	mN	ISO 6383-2
Melting Point	132	°C	ISO 3146
Vicat Temp,(A50,50°C/h,10N)	127	°C	ISO 306

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