

## HD –MF3313

### 1) Product Description:

MF3313 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	0.933	g/cm <sup>3</sup>	ISO 1183
MFR (190°C/21.6kg)	12.5	dg/min	ISO 1133
MFR (190°C/2.16kg)	0.1	dg/min	ISO 1133
Tensile Modulus	620	MPa	ISO527-1
Tensile Strength(MD)	55	MPa	ISO 527-1,3
Tensile Strength(TD)	43	MPa	ISO 527-1,3
Tensile Strain at Break(MD)	600	%	ISO 527-1
Tensile Strain at Break(TD)	600	%	ISO 527-1
Elmendorf tear strength(MD)	330	mN	ISO 6383-2
Elmendorf tear strength(TD)	2000	mN	ISO 6383-2
Melting Point	124	°C	ISO 3146
Vicat Temp,(A50,50°C/h,10N)	116	°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