

## HD –MF3820

### 1) Product Description:

MF-3820 is a high molecular weight high density polyethylene.

### 2) Applications:

- Bottle extrusion

### 3) Typical data.

Properties	Value	Unit	Test method
Density	0.938	g/cm <sup>3</sup>	ISO 1183
MFR (190°C/21.6kg)	20	dg/min	ISO 1133
Tensile Modulus	650	MPa	ISO527-1
Tensile Stress at Yield	20	MPa	ISO 527-1
Tensile Strain at Yield	10	%	ISO 527-1
HDT,(0.45MPa)	61	°C	ISO 75A-1
HDT,(1.80MPa)	38	°C	ISO 57B-1
Vicat Temp,(A50,50°C/h,50N)	62	°C	ISO 306
Notched Tensile Impact Strength,(-30°C)	200	KJ/m <sup>2</sup>	ISO 8256

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