



Producer: Arya Sasol Petrochemical Co. / Iran

HD –MF3713

Licensor:

Basell

Product Description:

MF3713 is a high molecular weight high density polyethylene.

Applications:

Bags, Products for Use in Property Modification

Nominal Physical Properties:

PROPERTIES	VALUE	UNIT	TEST METHOD
Density	0.937	g/cm ³	ISO 1183
MFR (190°C/21.6kg)	13	dg/min	ISO 1133
MFR (190°C/2.16kg)	0.1	dg/min	ISO 1133
Tensile Modulus	735	Mpa	ISO527-1
Tensile Strength(MD)	46	Mpa	ISO 527-1,3
Tensile Strength(TD)	46	Mpa	ISO 527-1,3
Tensile Strain at Break(MD)	550	%	ISO 527-1
Tensile Strain at Break(TD)	650	%	ISO 527-1
Elemendorf tear strength(MD)	210	mN	ISO 6383-2
Elemendorf tear strength(TD)	1100	mN	ISO 6383-2
Vicat Temp,(A50,50°C/h,10N)	121	°C	ISO 306

Packing:

Supplied in pallet form and can be packed in 25 kg Bags, 1 ton semi bulk or 17 ton bulk