

Technical Datasheet MF3713

1) Product Description:

MF3713 is a high molecular weight high density polyethylene.

2) Applications:

Film, Bags, Film Extrusion, Tshirt Bags, Products for Use in Property Modification

3) Typical data:

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

* Typical values not to be construed as specifications.