

Technical Datasheet

MCH 3713

1) General Information:

MCH3713 is a medium density polyethylene

Additives: Antioxidant – Heat stabilizer

2) Application:

MCH 3713 is suitable for Film, Bags

Film extrusion (Blending partner, (Refuse) bags, T-shirt bags, carrier bags)

3) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
Density (23 °C)	ISO 1183	kg/m ³	937
MFI (190 °C/21.6KG)	ISO 1133	dg/min	13
MFI (190 °C/2.16KG)	ISO 1133	dg/min	0.1
Tensile Modulus of elasticity	ISO R 527-1,2	MPa	735
Max. Tensile Strength (MD)	ISO R 527-1;3	MPa	46
Max. Tensile Strength (TD)	ISO R 527-1;3	MPa	46
Tensile Strain at Break (MD)	ISO R 527-1	%	550
Tensile Strain at Break (TD)	ISO R 527-1	%	650
Elemendorf tear strength (MD)	ISO 6383-2	mN	210
Elemendorf tear strength (TD)	ISO 6383-2	mN	1100
Fairlure energy	DIN 53373	J/mm	7
Dart Drop Impact	ASTM D 1709	g	120
Melting Point	ISO 3146	°C	127
Vicat Temp, (A50,50 °C/h, 10N)	ISO 306	°C	121

❖ Typical values; not to be construed as specifications.