

## Technical Datasheet

### MCH 3313

#### 1) General Information:

MCH 3313 is a medium density polyethylene

Additives: Antioxidant – Heat stabilizer

#### 2) Application:

MCH 3313 is suitable for Film, Bags

Film extrusion Blending partner, (Refuse) bags, T-shirt bags, Cover hoods.

#### 3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Density (23 °C)	ISO 1183	kg/m <sup>3</sup>	933
MFI (190 °C/2.16KG)	ISO 1133	Dg/min	0.1
MFI (190 °C/21.6KG)	ISO 1133	Dg/min	13
Tensile Modulus of elasticity	ISO R 527-1;2	MPa	620
Max.Tensile Strength (MD)	ISO R 527-1;3	MPa	55
Max.Tensile Strength (TD)	ISO R 527-1;3	MPa	43
Tensile Strain at Break (MD)	ISO R 527-1	%	600
Tensile Strain at Break (TD)	ISO R 527-1	%	600
Elmendorf tear strength (MD)	ISO 6383-2	mN	330
Elmendorf tear strength (TD)	ISO 6383-2	mN	2000
Fairlure energy	DIN 53373	J/mm	8.5
Dart Drop Impact	ASTM D 1709	g	160
Melting Point	ISO 3146	°C	124
Vicat Temp, (A50,50 °C/h, 10N)	ISO 306	°C	116

- Typical values; not to be construed as specifications.

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