

TGM 73313

Medium Density Polyethylene

Product Description

TGM73313 is a medium density polyethylene, which has a broad molecular weight distribution and high melt strength. This product which is produced by 1-hexene as a comonomer, specially designed for producing thin films with high tear resistance, good seal-ability, high strength and high draw down. This product is suitable for manufacturing of high strength carrier bags and high-quality thin films for uni/multi-wall packaging. TGM73313 has been manufactured under TÉCNICAS GÁS licensed technology.

General Information

- **Status Commercial:** Active
- **Application:** Blown film extrusion- Uni/multi wall packaging- High quality thin films- High strength carrier Bags.
- **Form(s):** Pellet
- **Attribute:** High melt stability- Very good tear resistance- High strength and toughness- Good seal-ability.
- **Additives:** Antioxidant: Yes Processing Aid: No Antiblock: No Slip Agent: No

	TYPICAL PROPERTIES	TYPICAL VALUE	UNIT	TEST METHOD
PHYSICAL	High Load Melt Flow Index (190oC/ 21.6 kg)	13	g/10 min	ISO 1133
	Density	0.933	g/cm ³	ISO 1183
MECHANICAL	Tensile Modulus of Elasticity	627	MPa	ISO 527-1,2
	Tear Strength (TD)	55	MPa	ISO 527-1,3
	Tear Strength (MD)	43	MPa	ISO 527-1,3
THERMAL	Melting Temperature	124	°C	ISO 3146
	Vicat Softening Temperature (Method A/10N)	116	°C	ISO 306

NOTED: