

TGM 73713

Medium Density Polyethylene

Product Description

TGM73713 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. TGM73713 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- Good tear resistance- High Strength and toughness.
- **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 | 0.937 | g/cm ³ | ISO 1183 |
| MECHANICAL | Tensile Modulus of Elasticity | 735 | MPa | ISO 527-1,2 |
| | Tear Strength (TD) | 46 | MPa | ISO 527-1,3 |
| | Tear Strength (MD) | 46 | MPa | ISO 527-1,3 |
| THERMAL | Melting Temperature | 127 | °C | ISO 3146 |
| | Vicat Softening Temperature (Method A/10N) | 121 | °C | ISO 306 |

NOTED: