

TGH 75110

High Density Polyethylene

Product Description

TGH75110 is a high molecular weight, high-density polyethylene with broad molecular weight distribution and 1-hexene as a co-monomer, specially developed for producing thin films with excellent strength and rigidity. This product is suitable for manufacturing of high strength grocery sacks, shopping bags and high-quality thin films for uni/multi-wall packaging. Films produced with this grade can be readily treated and printed to give high quality graphics. TGH75110 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- Shopping bags High strength grocery sacks.
- **Form(s):** Pellet
- **Attribute:** High tear resistance, High melt stability, High quality graphic printing.
- **Additives:** Antioxidant: Yes Zinc Stearate: Yes Antiblock: No Slip Agent: No

	TYPICAL PROPERTIES	TYPICAL VALUE	UNIT	TEST METHOD
PHYSICAL	High Load Melt Flow Index (190oC/ 21.6 kg)	10	g/10 min	ISO 1133
	Density	0.951	g/cm ³	ISO 1183
MECHANICAL	Tensile Modulus of Elasticity	1050	MPa	ISO 527-1,2
	Tear Strength (TD)	55	MPa	ISO 527-1,3
	Tear Strength (MD)	55	MPa	ISO 527-1,3
THERMAL	Melting Temperature	132	°C	ISO 3146
	Vicat Softening Temperature (Method A/10N)	127	°C	ISO 306

NOTED: