

## TGH 65510

High Density Polyethylene

### Product Description

TGH65510 is a high-density polyethylene, specially developed for large parts blow molding. This grade, which is produced by 1-hexene as a co-monomer, offers high stiffness, good process-ability, excellent parison melt strength and good ESCR. TGH65510 has been manufactured under TÉCNICAS GÁS licensed technology.

### General Information

- **Status Commercial:** Active
- **Application:** Large Parts Blow Molding - Standard and Lightweight Jerry Cans- Open Top Drums (Up to 110 lit).
- **Form(s):** Pellet
- **Attribute:** Good ESCR, Good Stiffness, Good Process-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)	10	g/10 min	ISO 1133
	Density	0.955	g/cm3	ISO 1183
MECHANICAL	Tensile Modulus of Elasticity	1000	MPa	ISO 527-1,2
	Flexural Modulus - 1% Secant	1000	MPa	ASTM D790
	Tensile Stress at Yield	57	MPa	ISO 527-1,2
	ESCR F50 (100% Igepal, Method B)	110	hrs	ASTM D1693
THERMAL	Vicat Softening Temperature (Method A/10N)	127	°C	ISO 306

NOTED: