

TGH 65020

High Density Polyethylene

Product Description

TGH65020 is a high-density polyethylene with broad molecular weight distribution, specially developed for small blow molded bottles. This grade which is produced by 1-hexene as a co-monomer, offer high stiffness, easy flow, very good ESCR, chemical resistance and sufficient impact strength. TGH65020 is recommended for multipurpose blow molding process. TGH65020 has been manufactured under TÉCNICAS GÁS licensed technology.

General Information

- **Status Commercial:** Active
- **Application:** Multipurpose blow molding process - Small blow molded bottles- Packaging of consumer and dangerous goods.
- **Form(s):** Pellet
- **Attribute:** Good ESCR, Good Chemical Resistance, High Stiffness.
- **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)	22	g/10 min	ISO 1133
	Density	0.950	g/cm3	ISO 1183
MECHANICAL	Tensile Modulus of Elasticity	1000	MPa	ISO 527-1,2
	Tensile Stress at Yield	25	MPa	ISO 527-1,2
	Tensile Stress at Yield	9	%	ISO 527-1,2
	ESCR	150	hrs	TG method
THERMAL	Vicat Softening Temperature (Method A/10N)	78	°C	ISO 306

NOTED: