

TGL 8130

Low Density Polyethylene

Product Description

TGL8130 is a high molecular weight, low density polyethylene for producing heavy-duty packaging films for applications like shrink hoods. It contains no slip agent and anti-block additives. It gives outstanding strength and toughness, draw down ability and very good biaxial shrink properties. TGL8130 has been manufactured under TÉCNICAS GÁS licensed technology.

General Information

- **Status Commercial:** Active
- **Application:** Blown film extrusion, heavy duty packaging film, shrink hoods, industrial sacks, carrier bag and liners
- **Form(s):** Pellet
- **Attribute:** Good strength and toughness, very good melt strength.
- **Additives:** Antioxidant: Yes Anti-block: No Slip Agent: No

	TYPICAL PROPERTIES	TYPICAL VALUE	UNIT	TEST METHOD
PHYSICAL	MFI (190 °C /2.16 Kg)	0.3	dg/min	ISO 1133
	Density	921	kg/m ³	ISO 1183 (A)
MECHANICAL	Impact Strength	31	kJ/m	ASTM D4272
	Tear Strength (TD)	45	kN/m	ISO 6383-2
	Tear Strength (MD)	20	kN/m	ISO 6383-2
OPTICAL	Haze	12	%	ASTM D1003 A
	Clarity	50	mV	TG method

NOTED: