

## TGL 8185A

Low Density Polyethylene

### Product Description

TGL8185A is a low-density polyethylene, with good toughness and good biaxial shrink properties. This product contains a high anti-block level and a medium level of slip agent. It has low energy consumption during processing, good melt strength and good drawdown ability. It typically exhibits low friction and low blocking. TGL8185A has been manufactured under TÉCNICAS GÁS licensed technology.

### General Information

- **Status Commercial:** Active
- **Application:** Blown film extrusion, thin packaging film and bag, thin shrink film
- **Form(s):** Pellet
- **Attribute:** Low energy consumption during processing, high-speed converting without sticking.
- **Additives:** Antioxidant: Yes                      Anti-block: Yes                      Slip Agent: Yes

	TYPICAL PROPERTIES	TYPICAL VALUE	UNIT	TEST METHOD
PHYSICAL	MFI (190 °C /2.16 Kg)	0.85	dg/min	ISO 1133
	Density	921	kg/m <sup>3</sup>	ISO 1183 (A)
MECHANICAL	Impact Strength	30	kJ/m	ASTM D4272
	Tear Strength (TD)	30	kN/m	ISO 6383-2
	Tear Strength (MD)	40	kN/m	ISO 6383-2
OPTICAL	Haze	11	%	ASTM D1003 A
	Gloss (45°)	57	GU	ASTM D2457

NOTED: