

## TGH 9255<sup>+</sup>

High Density Polyethylene

### Product Description

TGH 9255 Plus is a high-density polyethylene resin which possesses an outstanding combination of stiffness and impact performance. TGH 9255 Plus can be processed on blown film lines at high output rates with excellent bubble stability, very low gel levels and homogeneous appearance which converters and end-users require for high quality thin and thick film production. TGH 9255 Plus can enable the production of films with a very broad conversion window, good lay flat properties and excellent roll configuration. Typical applications are lamination and release films, artificial paper, labels, bags and heavy-duty packaging. Food law compliance information about this product can be found in separate product documentation. This product is not intended for use in medical and pharmaceutical applications. TGH 9255 Plus has been manufactured under TÉCNICAS GÁS licensed technology.

### General Information

- **Status Commercial:** Active
- **Application:** Bags & Pouches, Blown Film, Film, Food Packaging Film, Lamination Film, Products for Use in Property, Modification
- **Processing:** Blown Film
- **Features:** Antioxidant, Good Drawdown, Low Gel, High Rigidity, Good Toughness

	Properties	Value	Unit	Test Methods
Physical	Density	0.957	g/cm <sup>3</sup>	ISO 1183
	Melt flow rate (MFR) @ 190°C/21.6kg	12.0	g/10 min	ISO 1133
	Melt flow rate (MFR) @ 190°C/5.0kg	0.4	g/10 min	ISO 1133
Mechanical	Dart drop impac	>200	g	ASTM D 1709
	Tensile Strength @ MT	75.0	MPa	ISO 527-1, -3
	Tensile Strength @ TD	65.0	MPa	ISO 527-1, -3
	Tensile Strain at Break @ MT	450	%	ISO 527-1, -3
	Tensile Strain at Break @ TD	470	%	ISO 527-1, -3

NOTED: