

TGH 9240⁺

High Density Polyethylene

Product Description

TGH 9240 Plus is a high-density polyethylene characterized by superior toughness and stiffness. TGH 9240 Plus can be converted on HDPE blown film equipment with a homogeneous appearance and very low gel level. The very good bubble stability permits the production of wrinkle free and flat films within a wide range of blow-up ratios. Typical applications are carrier and meat bags, incliners for drums, paper bags and FIBC as well as heavy duty bags. This product is not intended for use in medical and pharmaceutical applications. TGH 9240 Plus has been manufactured under TÉCNICAS GÁS licensed technology.

General Information

- **Status Commercial:** Active
- **Application:** Packaging
- **Processing:** Sheet Extrusion, Other Extrusion, Blown Film Extrusion, Pipe/Tube, Extrusion
- **Certifications:** Food approval, Food approval 1935/2004/EC, Food approval, 10/2011, Food Contact (FDA)
- **Chemical Resistance:** Oxidation Resistance

	Properties	Value	Unit	Test Methods
Rheological	Melt Flow Index, MFI	6	g/10min	ISO 1133
	MFI temperature	190	°C	-
	MFI load	21.6	kg	-
Film	Maximum stress, parallel	80	MPa	ISO 527-3
	Maximum stress, normal	65	MPa	ISO 527-3
	Maximum strain, parallel	400	%	ISO 527-3
	Maximum strain, normal	540	%	ISO 527-3
	Type of extrusion	Blown	-	-
	Thickness of specimen	0.02	mm	-
Other	Density	946	Kg/m ³	ISO 1183

NOTED: