

TECHNICAL INFORMATION

NEGRO PE 706

558-53840-706



DESCRIPTION

BLACK PE 705 is a Black Masterbatch in a Linear Low Density Polyethylene resin (LLDPE).

USE

It is recommended for applications in HDPE and LLDPE and extrusion and molding processes. This concentrate is used to color plastic products.

Industries: Packaging / wrapping, Industrial and Commercial film, industry, household and office items,

Line Industrial/Professional

PROPERTIES

PHYSICAL PROPERTIES	TEST METHOD	DATA
Resin Vehicle	~	LLDPE
Pellet Shape	~	Spheric
Dispersion		Excellent
Toxicity	~	Not toxic
Charcoal type	~	HAF Charcoal
Antioxidant	~	0.10 %
Carbon Content	%	20%
Melt Index (190 °C / 2.16 kg)	ASTM D1238/ IS:13360 (Pt.4/Sec-1)	2 - 7 gr/10 min
Moisture % (m/m)	~	0.01 - 0.20%
Apparent density	~	0.90 - 1.00 g/cm ³
Density	ASTMD792/ IS:13360 (Pt.3/Sec-1)	1.60 - 1.65 g/cm ³
Heat stability	~	300°C
Light resistance	~	8.00
Pellet size	~	2.50 - 3.00 mm
Pellet per gram	Quantity per gram	40 - 50

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator skills, selection, preparation, or compatibility of products used; therefore, can only guarantee this product quality, its features and qualities' suitability, but is not responsible for the results obtained in conditions impossible to check once the job has been done. SUR QUIMICA has made reasonable efforts to ensure the accuracy of the information provided here, but assumes no responsibility for any error, omission, or inaccuracy in it. If there is any inconsistency between different language issues of this document, Spanish version will prevail.

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CONTAINERS AND COLORS

AVAILABLE CONTAINERS

20 kg. bags

PRODUCT APPLICATION

Notas

Percentages to be used depend on film thickness or wall thickness of the final product.

This product should be prepared according to the requirements of the specific industrial process

NOTICE

- ✓ Masterbatch should be used accordingly to the equipment used, the quality of raw materials and the specific requirements of the final product to be manufactured.
- ✓ Container must be kept out of reach of children, tightly closed in a ventilated place, away from sunlight or intense heat, between 20 and 30°C to avoid loss of its properties.
- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/> or contact our Technical Service Department.

HEALTH

- ✓ If you need to dispose of empty containers of our products in Costa Rica, contact your SUR store or our industrial compound in La Uruca, San Jose
- ✓ This a professional/industrial product and it should be applied by properly trained personnel, wearing appropriate Personal Protection Equipment (PPE), as described in its Safety data Sheet (MSDS), available at <http://www.gruposur.com>
- ✓ This is a product made for specific industrial purposes.
- ✓ Do not eat. Avoid contact with skin, eyes, or mucous membranes.

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