

TECHNICAL INFORMATION

CARBO PE 835-N0

558-53835-000



DESCRIPTION

CARBO PE 835-N0 is an 80% Calcium Carbonate concentrate, linear low-density polyethylene (LLDPE) base resin and lubricant additives having excellent dispersion, whiteness, and performance. It improves the processes, increase productivity, and allows a significant reduction in the quantity of white Masterbatch. Its formulation has been specially designed to achieve better adaptability and homogenization in the final products. Regulatory Status: This product contains raw materials that comply with FDA 21 CFR. 178.3297

USE

Especially recommended to obtain a better cost/benefit balance. It allows higher applications of HDPE and LLDPE, such as industrial and commercial films, packaging material and other general applications. In general, it can be used at a rate of 10-35% depending on the product, process, and equipment.

Line Line Industrial/Professional Line

PROPERTIES

PHYSICAL PROPERTIES	TESTING METHOD	DATA
Resin Vehicle	ASH Tester	LLDPE
Melt Index LLDPE Resin (190 °C / 2.16 kg)	ASTM DD1238	20.00 g/10 min
Melt Index (190 °C / 2.16 kg)	ASTM D1238	2.00 - 4.00 g/10 min
Moisture	ASTM D644	< 0.15%
Density	ASTM D792	1.85 g/cm ³
Appearance	ASTM D784	Oval White pellet
Carbonate Content	ASTM D1506	80%
Pellet Shape	ASTM D784	oval
Process temperature	--	120°C - 230°C

(1) In-house testing methods based in ASTM.

CONTAINERS AND COLORS

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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AVAILABLE CONTAINERS

Pellet in 25 kg bag

PRODUCT APPLICATION

Note

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

- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>
- ✓ Masterbatch should be used accordingly to the equipment used, the quality of the raw material 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.

HEALTH

- ✓ Avoid contact with skin, eyes, or mucous membranes.
- ✓ This is a product made for specific industrial purposes.
- ✓ 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>
- ✓ 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

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