

# TECHNICAL INFORMATION

## CARBO PE 835-N1

558-53835-001



### DESCRIPTION

CARBO PE 835-N1 is a highly white 80% Calcium Carbonate concentrate, based on a linear low-density polyethylene (LLDPE) resin and lubricant additives. Because of its high whiteness and dispersion, it allows for a significant reduction in the use of white masterbatch. Specially designed for a better adaptability and homogenization in the final products. Regulatory Status: This product contains raw materials complying with FDA 21 CFR. 178.3297.

### USE

Used to enhance whiteness to different types of plastics, reducing the use of white masterbatch; so, helping to cost cuts to produce different articles. This can be used in HDPE and LLDPE, PP and PVC applications, both in strapping extrusion, raffia, blowing (bags) and injection. Specially recommended for a better cost-benefits balance.

Line Industrial/Professional Line

### PROPERTIES

#### PHYSICAL PROPERTIES

#### DATA

Resin Vehicle

LLDPE

Toxicity

Not toxic

Melt Index (190°C / 2.16kg)

1.5 - 3.00 g/10min

Moisture

< 0.10%

Density

1.87g/cm<sup>3</sup>

(<sup>1</sup>) In-house testing methods based in ASTM.

### CONTAINERS

#### AVAILABLE CONTAINERS

Pellet in 25kg bags

### PRODUCT APPLICATION

### RECOMMENDATIONS FOR USE

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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Film Extrusion	15% - 30%
Lamination	8% - 16%
Extrusion - Raffia	10% - 20%
Strip Extrusion	5% - 12%
Extrusion - Blown	10% - 15%
Molding	5% - 10%
Injection	5% - 10%

### Notes

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, 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>
- ✓ Do not eat. Avoid contact with skin, eyes, or mucous membranes.
- ✓ This is a product made for specific industrial purposes.

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