



COLORTEC QUÍMICA S.L.

TECHNICAL SHEET

Fecha: 03/05/2024 .

This file replaces sheet with date

IDENTIFICATION

Reference:

ANTI-CONTRACTION W-303

Array:

PLASTIC ADITIVE

RECOMMENDED MATERIALS

<input checked="" type="radio"/> LD-PE:	<input checked="" type="radio"/> PS	<input checked="" type="radio"/> ABS	<input type="radio"/> PC	<input type="radio"/> PVC rígido
<input checked="" type="radio"/> HD-PE	<input checked="" type="radio"/> SB	<input type="radio"/> POM	<input type="radio"/> PMMA	<input type="radio"/> PVC Plástico
<input checked="" type="radio"/> PP	<input checked="" type="radio"/> BDS	<input type="radio"/> PA	<input type="radio"/> EVA	<input type="radio"/> Caucho

Legend: ☐ Not recommended ☐ Partially recommended ☒ Recommended

PHYSICAL & CHEMICAL FORM

Properties	Value	Units
Physical form	Granular	-
Color	Whitish	-
Melting point	>100	°C
Decomposition onset	140	°C
Processing temperature	>175	°C

PHYSICAL FORM

Solid in whitish granules.

DENSITY

Density in product 0.6-0.7 g/cm3

SOLUBILITY

Partially soluble in water

MELTING POINT

The product melts at 100°C

INFORMATION ABOUT THE COMPOSITION

- **Masterbatch does not contain:** Pb, Hg, Cd, Cr(VI)
- **Additives:** It contains a foaming additive based on sodium bicarbonate and citric acid over a thermoplastic support.

COMPONENT	CAS NO.	EC NO.
Sodium bicarbonate	144-55-8	205-6333-8
Citric acid	77-92-9	201-069-1

- **Plastic support:** Dispersion of additives in LDPE plastic support.
- **Others:** Masterbatch contains lubricating additives in order to improve the processing.

LEGISLATION

The product is supplied in conformity with the following regulations and directives:

- Regulation (EC) No 1907/2006 of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).
- Directive 2011/65/EU (RoHS) OF THE European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

For further information about legislative affairs (or any other queries), you can contact our Quality Department through the following email address: calidad@colortec.es

ADVANTAGES OF USING MASTERBATCH

- **Physical Form:** Pigment encapsulation reduces contamination in the manufacturing process. Besides, the absence of dust has a positive impact on the work environment.
- **Dose:** Unlike powder pigments, it is possible to dose automatically.
- **MOISTURE:** Powder pigments could be highly hygroscopic and, but as masterbatches are encapsulated in plastic support, the moisture absorption is really low.

OTHER INFORMATION

- **Packaging:** in 25 kg bags.
- **LABELING:** reference, recommended dose for application, batch number and weight.

IMPORTANT REMARKS

- The product should not be stored in direct sunlight or near sources of thermal energy.