



Fecha: 30/04/2024 .

This file replaces sheet 6051 with date 20101210

IDENTIFICATION

Reference:

CARGA MINERAL X999

Array:

PLASTIC ADITIVE**RECOMMENDED MATERIALS**

● LD-PE:	● PS	● ABS	● PC	● PVC rígido
● HD-PE	● SB	● POM	● PMMA	● PVC Plástico
● PP	● BDS	● PA	● EVA	● Caucho

Legend: ○ Not recommended ◐ Partially recommended ● Recommended

PHYSICAL & CHEMICAL FORM

Properties	Normal	Value	Units
Physical Form	-	Granular	-
Thermal stability (*)	-	300	°C
Melting point	-	300	°C
Light stability (max 8) (*)	-	8	-
Size of particles	-	9	µm

PHYSICAL FORM

Solid in whitish granules.

SIZE OF PARTICLES

Average diameter of particles 9 µm

ADVANTAGES

Improves resistance to impact, Increases production speed, Higher degree of homogeneity in the final piece, Rigidity increases (i.e. Young Modulus is extended), which allows us to reduce the wall thickness, thus lowering production costs.

MELTING POINT

The product melts at 120°C

INFORMATION ABOUT THE COMPOSITION

- **Masterbatch does not contain:** PB, HG, CD, CR(VI)
- **Additives:** Masterbatch does not contain additives of mineral origin.
- **Plastic support:** Pigments dispersion in LDPE
- **Other information:** Masterbatch contains CaCO₃ and lubricant 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.