



Fecha: 18/05/2024 .
This file replaces sheet with date

IDENTIFICATION

Reference:
AV/E-1040

PIGMENTO ALUMINIO
AV/E-1040

Color Simulation:
RGB (167, 168, 167)
Full tone 2% PP

GENERAL INFORMATION

Masterbatch:
MASTERBATCH

Base polymer:
LDPE

Recommended dose:
2% PP

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

PROCESSING METHODS

● Injection	● Blow molding	● Extrusion	○ Rotational molding
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Legend: ○ Not recommended ● Recommended

COLORIMETRIC MEASUREMENT

Parameter	Value	Tolerance	Measuring System
Luminance (L*)	68.61	±2	CIELAB Iluminante D65/10º
Chromaticity coordinates (a*)	-0.30	±2	
Chromaticity coordinates (b*)	0.00	±2	
Luminance difference (ΔL*)	N/A	+1,0	
Saturation difference (ΔC*)	N/A	+1,0	
Tone difference (Δh*)	N/A	+1,0	
Color difference (ΔE*)	N/A	+1,5	

Equipment:
SPECTROPHOTOMETER MINOLTA CM-3700D

Measuring System:
CIELAB LLUMINANTE D65/10º

Measurement Geometry:
D/8

Color Simulation
2% PP LDPE, RGB(167, 168, 167)

PHYSICAL & CHEMICAL FORM

Properties	Norma	Value	Units
Physical Form	-	Granular	-
Thermal stability (*)	-	300 °C	-
Light stability (max. 8) (*)	-	8	-

INFORMATION ABOUT THE COMPOSITION

- **Masterbatch does not contain:** Pb, Hg, Cd, Cr (VI)
- **Pigments:** Contiene pigmentos metálicos.
- **Plastic support:** Dispersión de pigmentos en LDPE
- **Other information:** Masterbatch contains CaCO₃ and lubricant additives in order to improve the processing.

LEGISLATION

The supplied product complies with the following standards and directives:

- Regulation (EC) No. 1907/2006 of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
- Directive 2011/65/EU 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.