



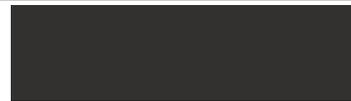
Fecha: 10/05/2024 .
This file replaces sheet with date

IDENTIFICATION

Reference:
AV/091488

NEGRO ABS AV/091488

Color Simulation:
RGB (50, 49, 48)
Full tone **1-5% ABS**

**GENERAL INFORMATION**

Masterbatch:
MASTERBATCH

Base polymer:
ABS

Recommended dose:
1-5% ABS

RECOMMENDED MATERIALS

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

Legend: Not recommended Partially recommended Recommended

PROCESSING METHODS

| | | | | | | | |
|----------------------------------|------------------|-----------------------|---------------------|-----------------------|------------------|----------------------------------|---------------------------|
| <input checked="" type="radio"/> | Injection | <input type="radio"/> | Blow molding | <input type="radio"/> | Extrusion | <input checked="" type="radio"/> | Rotational molding |
|----------------------------------|------------------|-----------------------|---------------------|-----------------------|------------------|----------------------------------|---------------------------|

Legend: Not recommended Recommended

COLORIMETRIC MEASUREMENT

| Parameter | Value | Tolerance | Measuring System |
|--------------------------------------|-------|-----------|------------------------------|
| Luminance (L*) | 20.43 | ±2 | CIELAB Iluminante D65/10° |
| Chromaticity coordinates (a*) | 0.44 | ±2 | |
| Chromaticity coordinates (b*) | 0.15 | ±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 D65/10°

Measurement Geometry:
D/8

Color Simulation
1-5% ABS ABS, RGB(50, 49, 48)

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 inorgánicos.
- **Plastic support:** Dispersión de pigmentos en ABS
- **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.