



Fecha: 20/05/2024 .
This file replaces sheet with date

IDENTIFICATION

Reference:	AZUL AV/052069	Color Simulation:	
AV/052069		RGB (1, 123, 194)	
		Full tone 2% ABS	

GENERAL INFORMATION

Masterbatch:	Base polymer:	Recommended dose:
MASTERBATCH	EVA	2% ABS

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*)	49.20	±2	CIELAB Iluminante D65/10º
Chromaticity coordinates (a*)	-3.30	±2	
Chromaticity coordinates (b*)	-45.40	±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:	Measuring System:
SPECTROPHOTOMETER MINOLTA CM-3700D	CIELAB D65 ILLUMINANT/10º
Measurement Geometry:	Color Simulation
D/8	2% ABS EVA, RGB(1, 123, 194)

PHYSICAL & CHEMICAL FORM

Properties	Norma	Value	Units
Physical Form	-	Granular	-
Thermal stability (*)	-	280 °C	-
Light stability (max. 8) (*)	-	7-8	-

INFORMATION ABOUT THE COMPOSITION

- **Masterbatch does not contain:** Pb, Hg, Cd, Cr (VI)
- **Pigments:** It contains inorganic and organic pigments.
- **Plastic support:** Pigments dispersion in EVA.
- **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.