

**COLOUR MASTERBATCH FOR VISICO™ LE4423 / AMBICAT™ LE4476 COMPOUND SYSTEM ( Ex-BOREALIS / BOROUGE)**

COLOUR	RAL No	PW HALL CODE	COLOUR	RAL No	PW HALL CODE
BLACK	9005	PPM1200/2	GREY	7001	PPM2414/2
BLUE	5015	PPM1201/2	ORANGE	2003	PPM1205/2
BROWN	8003	PPM1202/2	RED	3000	PPM1206/2
GREEN	6016	PPM1203/2	VIOLET	4005	PPM1207/2
GREEN	6018	PPM1225/2	WHITE	9003	PPM1208/2
GREY	7012	PPM1204/2	YELLOW	1021	PPM1209/2

**GENERAL DESCRIPTION:** Masterbatch for colouring Visico™ LE4423/Ambicat™ LE4476 XLPE compound used in the production of electrical wires and cables. The recommended level of addition of masterbatch is 1%.

**COMPOSITION:** The masterbatch contains a mixture of pigments thoroughly dispersed in low density polyethylene (LDPE). No ultra violet (UV) stabilizers or anti-oxidants are included. The masterbatch does not contain cadmium, lead or diarylide based pigments. The masterbatch has a very low halogen content.

**APPEARANCE:** Cylindrical shaped pellets with dimensions of approximately 2mm-4mm in diameter and approximately 2mm-4mm in length.

**COLOUR:** At 1% addition to Visico™ LE4423/Ambicat™ LE4476 compound, the shade will be an approximate match to the RAL Number specified above, when viewed in controlled light.

**LIGHT STABILITY:** Test DIN EN ISO 105-B02. This is not less than rating 7.

**HEAT STABILITY:** No colour change will occur within 5 minutes at 250°C when added to Visico™ LE4423/Ambicat™ LE4476 compound.

**DISPERSIBILITY:** The masterbatch will disperse easily in the Visico™ LE4423 /Ambicat™ LE4476 compound and no nibs or spots of undispersed pigment will be present.

**PACKAGING/LABELLING:** The masterbatch is packed in plastic bags, 25 kilos net weight and 20 x 25 kilo bags will be located on a pallet and shrink wrapped.

All bags will be identified on the side with a label detailing:

Product Code and Colour  
Batch No. and Bag No.  
Net Weight 25 kilo

Visico and Ambicat are trademarks of Borealis A/S.

**HEALTH & SAFETY CODE:** PPM1

**March 2018 (Issue 5)**