

**PVC COLOUR MASTERBATCH FOR WIRE & CABLE APPLICATIONS**

COLOUR	RAL No	PW HALL CODE	COLOUR	RAL No	PW HALL CODE
BLACK	9005	MB500	ORANGE	2003	MB3282
BLUE	5015	MB270/1	PINK	3015	MB3283
BROWN	8003	MB3286	RED	3000	MB32F
GREEN	6018	MB176	VIOLET	4005	MB4353
GREY	7000	MB2957	WHITE	9010	MB455
GREY	7035	MB804	YELLOW	1021	MB3288

**GENERAL DESCRIPTION:** Masterbatch for colouring natural filled PVC compound used in the production of electrical wires and cables. The recommended level of addition of masterbatch to the PVC compound is 1%.

**COMPOSITION:** The masterbatch contains a mixture of pigments thoroughly dispersed in PVC resin, heat stabiliser, and DINP plasticiser (di-iso nonyl phthalate). The pigment mixture is lead free.

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

**COLOUR:** At 1% addition to natural filled PVC compound, the shade will be an approximate match to the RAL Number specified above, when viewed in controlled light.

**LIGHT STABILITY:** Test BS1006 A02C. This is not less than rating 5.

**HEAT STABILITY:** No colour change will occur within 5 minutes at 180°C when added to stabilised PVC compound.

**DISPERSIBILITY:** The PVC masterbatch will disperse easily in the natural filled PVC 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

**HEALTH & SAFETY CODE:** MB1

**March 2018 (Issue 6)**