

# Product Data Sheet

## PW Hall Limited

### MASTERBATCH FOR COLOURING AND UV STABILISING PVC COMPOUNDS

COLOUR	P W HALL CODE		COLOUR	P W HALL CODE
Blue	MB4330D		Red	MB2301D
Grey	MB3703D		Violet	MB4817D
Orange	MB4810D		Yellow	MB4827D

**GENERAL DESCRIPTION:** Masterbatch for colouring and stabilising PVC compound used in the production of electrical wires and cables. The recommended level of addition of masterbatch to PVC compound, to achieve the required shade and a reasonable level of UV stability, is 3%. The masterbatch has excellent light stability and weathering properties.

**COMPOSITION:** The masterbatch contains a mixture of pigments, selected for their superior properties, thoroughly dispersed in PVC polymer of K value 67 and phthalate plasticiser. The masterbatch contains an ultra violet stabiliser package. The masterbatch does not contain cadmium based pigments. Only Orange MB4810D and Yellow MB4827D contain lead based pigments, all others are lead free.

**APPEARANCE:** Discrete 3mm diameter rods of 2-4mm length.

**COLOUR:** At 3% addition to PVC cable compound, the shade will be an approximate match to the BS6746C cable shades.

**LIGHT STABILITY:** Test BS1006 A02C. This is not less than rating 7.

**DISPERSIBILITY:** The PVC masterbatch will disperse easily in the PVC cable compound and no nibs or spots of undispersed pigment or masterbatch will be present.

**PACKAGING / LABELLING:** The masterbatch is packed in PE sacks (Type PL5), 25 kilos net weight and 20 x 25 kilos will be located on a pallet 1100mm x 1100mm (Type PT3) and shrink wrapped. All bags will be identified with a label giving:

Product Code and Colour

Batch No      Bag No

Net Weight    25 kilos

Date of manufacture and expiry

**HEALTH & SAFETY CODE:** MB1 & MB2

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