

# Product Data Sheet

## PW Hall Limited

### LEAD FREE PE COLOUR MASTERBATCH FOR WIRE & CABLE APPLICATIONS

COLOUR	RAL No	PW HALL CODE	COLOUR	RAL No	PW HALL CODE
BLACK	9005	PPM1230	ORANGE	2004	PPM938AFF
BLUE	5015	PPM165	PINK	3015	PPM144
BROWN	8003	PPM940	RED	3000	PPM1874FF
BROWN	8011	PPM1877FF	VIOLET	4005	PPM2267
GREEN	6018	PPM1878FF	WHITE	9010	PPM1866A
GREY	7000	PPM167	YELLOW	1021	PPM1875FF

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

**COMPOSITION:** The masterbatch contains a mixture of pigments, selected for their superior electrical properties, thoroughly dispersed in LDPE. No ultra violet stabilizers or antioxidants are included. The masterbatch is cadmium and lead free.

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

**COLOUR:** At 1% addition to typical polyethylene cable compound, the shade will be an approximate match to the RAL shade specified above, when viewed in controlled light.

**LIGHT STABILITY:** Test BS1006 A02C. This is not less than rating 6.

**HEAT STABILITY:** The minimum time for heat stability is 15 minutes at 200 °C.



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**DISPERSIBILITY:** The PPM masterbatch will disperse easily in polyethylene cable 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 side with a label giving:

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

**HEALTH & SAFETY CODE: PPM1**

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