

Product Data Sheet

PW Hall Limited

LEAD FREE PVC COLOUR MASTERBATCH FOR WIRE & CABLE

COLOUR	RAL No	PW HALL CODE	COLOUR	RAL No	PW HALL CODE
BLACK	9005	MB500	ORANGE	2003	MB4745
BLUE	5015	MB270/1	PINK	3015	MB4395
BROWN	8003	MB3286	RED	3000	MB1360
GREEN	6018	MB1604	VIOLET	4005	MB4947
GREY	7000	MB2957	WHITE	9010	MB455
GREY	7032	MB4192	YELLOW	1021	MB4401
GREY	7035	MB4191			

GENERAL DESCRIPTION: Masterbatch for colouring lead free, natural PVC compound used in the production of 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 of K value 67 (Evipol SH6520 or equivalent) and plasticiser, DINP (di-iso nonyl phthalate). The pigment mixture is cadmium and lead free.

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

COLOUR: At 1% addition to lead free, natural 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 180oC when added to stabilised PVC compound



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DISPERSIBILITY: The PVC masterbatch will disperse easily in the filled PVC 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: MB1

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