

Product Data Sheet

PW Hall Limited

MASTERBATCH FOR COLOURING AND UV STABILISING PE COMPOUNDS

COLOUR	P W HALL CODE		COLOUR	P W HALL CODE
Black	PPM109UV		Orange	PPM2302UV
Blue	PPM643UV		Red	PPM2303UV
Brown	PPM2300UV		White	PPM1732UV
Green	PPM2301UV		Yellow	PPM2304UV

GENERAL DESCRIPTION: Masterbatch for colouring and stabilising polyethylene compound and crosslinked polyethylene compound (Sioplas process), used in the production of electrical wires and cables. The recommended level of addition is 1% and at this level of addition the UV stabiliser package present in the masterbatch will impart good resistance to the polymer matrix against degradation due to UV exposure.

COMPOSITION: The masterbatch contains a mixture of pigments, selected for their superior electrical properties, thoroughly dispersed in LDPE. A UV stabiliser package is also included. The masterbatch is lead and Cadmium free.

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

COLOUR: At 1% addition to typical PE cable compound the shade will be an approximate match to the BS6746C cable colours.

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

HEAT STABILITY: No colour change will occur within 15 minutes at 200°C.

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

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

Product Code and Colour

Batch No Bag No

Net Weight 25 kilos

HEALTH & SAFETY CODE: PPM1

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