

TECHNICAL DATA SHEET

PVC LEAD FREE COLOUR MASTERBATCHES FOR PVC CABLE COMPOUND :

- Available in Red, Green ,Blue , yellow, orange, brown, Black, Grey, white, violet ,sky blue , pink
- Top quality colour concentrates required by cable industry.
- Greater colour quality than dry colours /pigment.
- Excellent colour consistency batch to batch.
- Evenness of dispersion.
- Colours are Weather resistant, non-magnetic & non-blooming.
- Recommended dose for desire shade with DDEV PLASTIKS brand PVC MASTERBATCHES is 2-4% concentration onlybut depends on the base compound.
- Excellent surface finish to the finished product.

DDEV PLASTIKS INDUSTRIES LTD is geared to develop any special colour to meet specific requirements of customers for the cableindustry in particular.

DDEV PLASTIKS CMB	PVC LEAD FREE MASTERBATCH		RESULTS				
	COLOUR NAME	DDEV PLASTIKS GRADE	Sp. GRAVITY	HARDNESS (SHORE-°A)	THERMAL STABILITY 200°C(MINUTES)	TENSILE STRENGTH (N/mm ²)	ELONGATION AT BREAK (%)
	GENERAL LEAD FREE COLOUR MASTERBATCH FOR PVC CABLE						
1	BLACK	KIL/M/11K01	1.36±0.02	80±2	> 60	>13.0	> 200
2	VIOLET	KIL/M/11G03	1.40±0.02	80±2	> 80	>13.5	> 250
3	GREY	KIL/M/11C01	1.42±0.02	85±2	> 95	>15.0	> 270
4	YELLOW	KIL/M/11D01	1.43±0.02	90±2	> 90	>15.0	> 275
5	BROWN	KIL/M/11I01	1.41±0.02	82±2	> 85	>14.0	> 275
6	GREEN	KIL/M/11H01	1.43±0.02	90±2	> 90	>15.0	> 270
7	ORANGE	KIL/M/11E01	1.42±0.02	90±2	> 95	>15.0	> 250
8	RED	KIL/M/11F01	1.45±0.02	85±2	> 85	>15.0	> 250
9	WHITE	KIL/M/11B01	1.64±0.02	85±2	> 95	>14.5	> 250
10	BLUE	KIL/M/11G01	1.44±0.02	90±2	> 90	>15.0	> 250
11	SKY BLUE	KIL/M/11G02	1.43±0.02	90±2	> 90	>15.0	> 250
12	PINK	KIL/M/11F01	1.43±0.02	90±2	> 90	>15.0	> 250

****The specification are subject to change without prior intimation.**

****The properties have been tasted on moulded sheet**

PROCESSING TECHNIQUES.

1. For smooth processing and better results, it is recommended to pre-heat the material before use.
2. The recommended processing temperatures are 140° C to 180° C depends on the base compound , However the processing Temperature may be adjusted as per requirement for individual operations.
3. All colour masterbatches provides excellent surface finish and outstanding output rates over a broad range of extrusion running condition .

Delivery/packages : Pellet form and packed in 25 kg HDPE woven sacks with inner liner to ensuring prevention from uptake of moisture and contamination.

Storage and Shelf Life:

Material should be store in moisture free cool & dry place and should be consume within three months from date of manufacturing.

Safety:

Above mention LEAD FREE colour masterbatch grades are not classified as a dangerous product group.

The information and recommendations contained in this bulletin are, to the best of our knowledge, accurate and reliable but no guarantee of their accuracy is made. These are all the typical values only and subject to change without prior intimation. The product is sold upon condition that purchaser should make their own tests to determine the suitability of such product of their particular purpose and purchasers assume all risks and liability for the results of the use of the product.

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