



# KLJ POLYMERS & CHEMICALS LIMITED

## PE COLOUR MASTER BATCH

### Description:

The master batch are made with polyethylene . This can be used with Sioplas , PE ,

### Composition :

The master batch contains a mixture of pigments, selected for their superior electrical properties.. Colour master batch is having UV resistant chemicals.

### Appearance :-

Granulates free from fines.

### Dosages :-

Approximately At 1 - 2% addition.

### Physical Properties:

Sr. No	Parameter	Unit	Test Method	Typical Value
01	Density	g/cc	ASTM D-792	1.45
02	Melt Flow Index	%	ASTM D-1238	8
03	Moisture Content	%	ASTM E-203	0.5%

### Colour Master Batch :-

Colour	KLJ Code
Yellow	KLJ-MB-UV-YELLOW
Red	KLJ-MB-UV-RED
Blue	KLJ-MB-UV-BLUE
green	KLJ-MB-UV-GREEN
Orange	KLJ-MB-UV-ORANGE

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### **Dispersibility :-**

The KLJ masterbatch will disperse easily in polyethylene cable compound and no nibs or spots of undispersed pigment will be present.

### **Shelf Life/Storage:**

KLJ COLOUR MASTER BATCH can be stored for 12 months from date of manufacturing , without significant deterioration of the quality of material. However, it is recommended to be consumed as soon as possible.

KLJ COLOUR MASTER BATCH is recommended to be stored at in a cool, dry & clean environment in unopened original packaging.

### **Packaging:**

KLJ COLOUR MASTER BATCH granules are packed in 25 kg bags.

### **Processing Guidelines:**

It is recommended to dry the Colour master batch MB @ 70°- 75°C for about 2 hour, before used in the polymer

### **Safety:**

KLJ MASTER BATCH are not classified as dangerous preparation.

The products are supplied in the form of free-flowing granules of approx. 2-3 mm size and can be readily handled with commercially available equipment. Handling and transport of the products may generate some dust and fines, which constitute a potential hazard for dust explosion. All metal parts in the system should therefore be properly grounded. Properly designed equipment and good housekeeping will reduce the risk. Inhalation of any type of dust should be avoided as it may cause irritation of the respiratory system.

The product is intended for industrial use only. MSDS is available on request.

### **Disclaimer:**

- The specifications given are the guidelines only.
- Above compound is suitable to run on different machines; however some adjustments may be required on individual machine.
- All properties are tested as per ASTM/IS/IEC standards.
- Any data may change without prior information.
- The customers are advised to check the quality, prior to commercial use. There is no guarantee and/or warrantee what so ever, after processing.