



Ddev Plastiks Industries Limited

TECHNICAL DATA SHEET

KI – MB 800: PVC MASTERBATCH

Description:

KI – MB 800 is a PVC based Masterbatch suitably formulated with plasticizer, stabilizer and additives & other high-quality ingredient specifically applicable for cable application. Excellent Colours consistency, Dispersion and Brightness, Economic in use, are non-polluting. Pigments used are totally non-blooming and non-migratory High Light Fastness, Excellent surface finish.

Colours Available – Red, Yellow, Blue, Green, Grey, Orange, White. /As per requirement

Typical Properties:

Property	Unit	Test Method	Typical Value
Appearance	-	Visual	Pellets form
Pellets Size	mm	-	2.0 – 3.0
Sp. Gravity @27°C	-	ASTM - D – 792	1.55 ± 0.05
Hardness @27°C	Shore A	ASTM - D 2240	82 ± 3
Thermal Stability@200°C	Minutes	IS : 10810 (60)	≥ 60

* Test specimen made after milling the granules and the compression molded at 155 °C for 10 min with 200kg / cm² hydraulic pressure.

Above Values are Typical value of Compound and customer need to check before accepting the TDS.

Processing:

KI – MB 800 is can be used directly in place of dry pigments in high-speed mixer during dry blend preparation or it can be used directly through on line dosing unit attached to extruder. It can be processed on any good extruder designed at temperature in the range of 140°C- 160°C. This is the guideline temperature range; actual temperature should be optimized by the user depending upon the other processing variables. The screw must have a good homogenizing capacity. Preheating of Mastarbatch at 70+/-5°C is always advisable for better processing & surface appearance.

Recommended Dosage: 1.0 to 2.0 % depending on the final shade.

Packaging:

KI – MB 800 is available in the form of free-flowing pellets and supplied in bags with sealed double layer PE liner to prevent moisture. The finished bag weight is either 25 kg woven sacks bag or in 1000kg jumbo bags.

Storage:

Material should be store in moisture free cool & dry place.

Safety:

KI – MB 800 is 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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