

## Technical Data Sheet

### **Rigid Pvc colour masterbatch Compound –FOR PIPE EXTRUSION**

#### **GRADE -KI-10BP- COLOUR -BLUE**

#### DESCRIPTION- GRADE -KI-10BP

The Rigid Pvc colour resin master batch compound is made by high quality pvc resin Suitable for pipe extrusion or injection colour application. This is suitably compounded with additives ,stabilizer, processing aid and impact modifier and high heat & temperture resistance colour to maintain excellent colour , mechanical properties alongwith good processability , output and excellent surface gloss.

#### SPECIAL CHARACTERISTICS

- Excellent colour & surface smoothness .
- Better mechanical properties and dimensional stability
- Good heat deflection temperature.
- Excellent physical and thermal property.
- Balances of properties and processability.

#### TECHNICAL CHARACTERISTICS

Property	Unit , Standards	Values
Specific Gravity	ASTM D-792	1.41
Durometer Hardness (shore D,10sec, Hand held)	ASTM D-2240	80

#### PROCESSING TECHNIQUES

1. The recommended processing temperatures are 180<sup>0</sup>c to 200<sup>0</sup>c , However the processing Temperature may be adjusted as per requirement for individual operation and depend on the main extrusion or injection temperture
2. The rigid resin colour masterbatch compound provides excellent surface finish and outstanding output rates over a broad range of extrusion or injection running condition .
3. For smooth processing and better results it is recommended to preheat the material before use.

#### 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:**Material shall be kept in a cool dry place.

**( We can Offering a wide range of standard compounds and developing customized colour compound on demand )**

**(The information given in the document is believed to be reliable and is given in good faith but without warranty. The user should test the product to assertion the suitability for intended use. The product specification or the whole document is subject to change without any prior notice.)**