



Ddev Plastiks Industries Limited

TECHNICAL DATA SHEET

KI – 50 Blown: PVC Foot Wear Compounds

DESCRIPTION:

The PVC Footwear compound is made by high quality PVC resin Suitable for injection moulding application. This is suitably compounded with additives & stabilizer to achieve excellent properties along with good process ability and surface gloss.

APPLICATIONS:

- Shoes & sole
- Chapples and Midsoles
- Gum Boots etc.

SPECIAL CHARACTERISTICS :

- Low volatile generation during processing.
- Excellent surface smoothness.
- Better mechanical properties and dimensional stability.
- Excellent physical and thermal property.
- Excellent adhesion with upper sole component.
- Optimum Balance of properties and process ability.
- Excellent flexibility & increase product life.

TECHNICAL CHARACTERISTICS :

PROPERTY	TEST METHOD	GRADE NAME KI – 50 Blown
Specific gravity before blowing	ASTM-D792	1.20± 0.03
Hardness, shore ⁹ A	ASTM-D2240	54±2
Thermal Stability@ 200°C minutes	IS 10810(PART-60)1988	≥ 25
Tensile Strength, Mpa	IS 10810 (PART-7) 1984	≥ 5.0
Elongation at Break %	IS 10810 (PART-7) 1984	≥200
Volatile Loss@130°C for 3 hours,%	IS 6719	≤ 1.00

- Test specimen made after milling the granules and then in compression mould at 160 °C for 10 with 200kg / cm² hydraulic pressure

PROCESSING TECHNIQUE :

1. The recommended processing temperatures are 140⁰c to 180⁰ c , However the processing Temperature may be adjusted as per requirement for individual operations.
2. The PVC compound KI – 50 Blown provides excellent surface finish and outstanding output rates over a broad range of running condition.
3. For smooth processing and better results it is recommended to preheat the material before use.

Colour : Natural / White, Black, Blue, Brown, Pink & As per requirement



Ddev Plastiks Industries Limited

PACKAGING : 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.

Safety:

KI – 50 Blown 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 evaluate before use on Finished product. Supplier is not liable for any claim upon using of the material.

NOTE: **We can also offer Tailor Made compounds with specification of your choice.

For more information pl contact at;

Head Office:

2B Pretoria Street, Kolkata-71

Tel: 91-33-22823744/45/3671

Fax:91-33-22823739

E-mail: kolkata@ddevgroup.in

Website: www.ddevgroup.in

Works:

Survey No: 24/3, Demni Road, Village-Demni

Dadra(Dadra & Nagar Haveli)-396 193, India

[Tel:91-9909006426](tel:91-9909006426)

E-mail: dadra@ddevgroup.in

Mumbai Office

106, Laxmi Plaza, Laxmi Industrial Estate

New Link Road, Andheri(West)

Mumbai-400053, India

E-mail: mumbai@ddevgroup.in