



Ddev Plastiks Industries Limited

TECHNICAL DATA SHEET

KI – 170 BK (VS) PVC Compound

Description:

KI – 170 BK (VS) is molding Compound for Vehicle Sheet applications. **KI – 170 BK (VS)** is formulated with a high-quality resin, plasticizers, stabilizers and other additives.

Color: Black

Typical Properties:

Property	Unit	Test Method	Typical Value
Usage			Vehicle Sheet
Sp. Gravity @27 ⁰ C		ASTM - D – 792	1.30 ± 0.03
Hardness @27 ⁰ C	Shore A	ASTM - D 2240	70± 5
Thermal Stability@200 ⁰ C	Minutes	IS : 10810 (60)	≥ 30
Tensile Strength (TS) @27 ⁰ C	MPa	IS : 10810 (7)	≥ 5.00
Elongation at Break (E.B) @27 ⁰ C	%	IS : 10810 (7)	≥ 100

* Typical values reported in the table have been obtained from measurements made on compression moulded sheet. Above Values are Typical value of Compound and customer need to check before accepting the TDS.

Processing:

KI – 170 BK (VS) can be processed on any good injection molding designed for PVC at temperature in the range of 140⁰C- 180⁰C. 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 granules at 70+/-5⁰C for 10 minutes is always advisable for better processing.

Packaging:

KI – 170 BK (VS) 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 and Shelf Life:

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

Safety:

KI – 170 BK (VS) 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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