



Ddev Plastiks Industries Limited

TECHNICAL DATA SHEET

KI – 150 SMT KH: PVC compound for gasket application

Description:

KI – 150 SMT KH is PVC Compound for molding applications. **KI – 150 SMT KH** is formulated with a high-quality resin with plasticizers, stabilizers and other additives.

Typical Properties:

Property	Unit	Test Method	Typical Value
Sp. Gravity @27 ⁰ C		ASTM - D – 792	1.26 ± 0.02
Hardness @27 ⁰ C	Shore A	ASTM - D 2240	53 ± 3
Thermal Stability@200 ⁰ C	Minutes	IS : 10810 (60)	≥ 20
Tensile Strength (TS) @27 ⁰ C	MPa	IS : 10810 (7)	≥ 6
Elongation at Break (E.B) @27 ⁰ C	%	IS : 10810 (7)	≥ 250

* Test specimen made after milling the granules and then in compression mold at 145 °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.

Color: Transparent Blue

Processing:

KI – 150 SMT KH can be processed on molding machine at temperature in the range of 155⁰C- 175⁰C. 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 50+/-5⁰C for 10 minutes is always advisable for better processing.

Packaging:

KI – 150 SMT KH 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.

Safety:

KI – 150 SMT KH 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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