



Ddev Plastiks Industries Limited

TECHNICAL DATA SHEET

KI – 180: PVC Compound for Flexible water proofing membranes

Description:

KI – 180 is a compound for Flexible water proofing Membranes Sheet application. This is formulated with high quality resin, plasticizers, stabilizers, filler & other additives. It is intended use in roof waterproofing membrane.

Typical Properties:

Property	Unit	Typical Value
Sp. Gravity @27°C		1.34 ± 0.02
Hardness @27°C	Shore A	80 ± 2
Thermal Stability@200°C	Minutes	≥ 50
Tensile Strength (TS) @27°C	MPa	≥ 17
Elongation at Break (E.B) @27°C	%	≥ 300

* Test specimen made after milling the granules and then in compression mould at 160°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: Yellow / Natural & or as per requirement.

Processing:

KI – 180 can be processed / molded on at temperature in the range of 130°C- 170°C. This is the guideline temperature range, actual temperature should be optimized by the user depending upon the other processing variables. Preheating of granules at 70+/-5°C is always advisable for better processing.

Packaging:

KI – 180 is available in the form of free-flowing pellets and supplied in Jumbo / 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 date of manufacturing.

Safety:

KI – 180 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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