



PRODUCT DESCRIPTION

Chiripal Poly Films HKC is transparent heat sealable, one side corona treated, other side is non treated with high Cof for antiskid surface. The corona treated surface is designed for printing and lamination.

PROPERTIES

UNIT

TEST METHOD

CB15HI-KC

CB18HI-KC

CB20HI-KC

CB25HI-KC

Nominal Thickness ($\pm 5\%$)

Micron

Gauge

Internal

15

18

20

25

Unit Weight ($\pm 5\%$)

gm/m²

13.7

16.4

18.2

22.8

Yield

m²/kg

73.3

61.1

54.9

44.0

MECHANICAL PROPERTIES

Tensile Strength

MD

kg/cm²

ASTM D-882

1200 - 1500

TD

2800 - 3100

Elongation Break

MD

%

ASTM D-882

150 - 230

TD

40 - 90

THERMAL PROPERTIES

Thermal Shrinkage (at 120°C / 5 mins)

MD

%

ASTM D-1204

<5.0

TD

<3.0

Heat Seal Range (NT side)

°C

Internal

105 - 140

Sealing Strength (NT side) (120°C/2 Bar/1 sec)

Gm/25mm

Internal

350

> 400

PRODUCT FEATURES

- * Excellent Antiskid properties
- * Excellent transparency and high gloss
- * Excellent anchorage of inks & adhesives
- * Excellent surface treatemnt retention
- * Excellent mechanical properties
- * Excellent dimensional stability

SURFACE PROPERTIES

Coefficient of Friction (NT/NT)

Static

-

ASTM D-1894

> 0.60

Surface Tension

Dyne/cm

ASTM D-2578

38

OPTICAL PROPERTIES

Haze (max)

%

ASTM D-1003

2.5

Gloss at 45°

%

ASTM D-2457

85 - 90

Note: MD – Machine Direction, TD – Transverse Direction, CT - Corona Treated, NT - Non Treated

APPLICATIONS

- * Printing and lamination
- * Antiskid for pet food bags application
- * Conversion

FOOD CONTACT

Chiripal Poly Films complies with EC and FDA regulations. Specific documents and MSDS are available upon request

STORE & HANDLING

A storage temperature below 30°C & humidity 55 \pm 5 % is recommended in order to avoid any deterioration of the film surface properties. Excess humidity and heat can cause problem such as fast treatment decay, which can affect the quality of printing and coating. It is advisable to use the material on FIFO basis.

DISCLAIMER

The property given in the technical data sheet do not constitute product specification but represent typical performance values based on the best of our knowledge and believed to be accurate. These are given in good faith but it is for the customer to satisfy of the suitability for its own particular purpose. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability / compatibility in all respects. Chiripal Polyfilm does not guarantee the typical values. Chiripal Poly reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information.

*Available in inside / outside corona treated as per customer requirement