



PRODUCT DESCRIPTION

Chiripal Poly Films NTL is transparent corona treated one side, other side non treated heat sealable, excellent clarity & gloss for use in extrusion coating application.

The corona treated side is designed for printing and lamination.

PROPERTIES

UNIT

TEST METHOD

CB12NI-TL

CB15NI-TL

Nominal Thickness ($\pm 5\%$)

Micron

Gauge

Unit Weight ($\pm 5\%$)

gm/m²

Yield

m²/kg

Chiripal Method

12

15

48

60

10.9

13.7

91.6

73.3

MECHANICAL PROPERTIES

Tensile Strength

MD

TD

kg/cm²

ASTM D-882

1200 - 1400

2600 - 3000

Elongation Break

MD

TD

%

ASTM D-882

150 - 200

50 - 90

THERMAL PROPERTIES

Thermal Shrinkage
(at 120°C / 5 mins)

MD

TD

%

ASTM D-1204

<5.0

<3.0

Min Heat Seal Temp. (NT side)

°C

Internal

100

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

gm/25mm

Internal

>300

PRODUCT FEATURES

- * Excellent transparency & high gloss
- * Excellent anchorage of extrusion coating
- * Excellent processability during extrusion coating
- * Good surface treatment retention
- * Good mechanical properties
- * Good dimensional stability

SURFACE PROPERTIES

Coefficient of Friction
(NT/NT)

Dy

-

ASTM D-1894

0.40 - 0.50

Surface Tension (min)

Dyne/cm

ASTM D-2578

38

OPTICAL PROPERTIES

Haze (max)

%

ASTM D-1003

2.5

Gloss at 45°

%

ASTM D-2457

90

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

APPLICATIONS

- * Base film for thermal lamination
- Extrusion coating

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