



### PRODUCT DESCRIPTION

Chiripal Poly Film IML-T is a Transparent, injection- in mould label film , both sides treated.

### PROPERTIES

### UNIT

### TEST METHOD

### CB40NB-IMLT

### CB50NB-IMLT

### CB57NB-IMLT

Nominal Thickness (±5%)

Micron

Gauge

Unit Weight ( ± 5%)

Gm/m<sup>2</sup>

Yield

M<sup>2</sup>/kg

40

160

36.4

27.5

40

160

36.4

27.5

50

200

45.5

22.0

57

228

51.9

19.3

### MECHANICAL PROPERTIES

Tensile Strength

MD

TD

kg/cm<sup>2</sup>

ASTM D-882

1200 - 1400

2800 - 3100

Elongation Break

MD

TD

%

ASTM D-882

170 - 260

40 - 80

### THERMAL PROPERTIES

Thermal Shrinkage  
(at 120°C / 5 mins)

MD

TD

%

ASTM D-1204

<4.0

<2.0

### PRODUCT FEATURES

\* Transparent appearance

\* Good chargeability and antistatic property

\* Excellent die cutting

### SURFACE PROPERTIES

Coefficient of Friction  
(NP/NP)

Dy

-

ASTM D-1894

0.20 - 0.30

Surface Tension

Dyne/cm

ASTM D-2578

38

### OPTICAL PROPERTIES

Gloss at 45°

-

ASTM D-2457

90 - 95

Haze (max)

%

ASTM D-1003

2.5

Note: MD – Machine Direction, TD – Transverse Direction, NP - Non Printed

### APPLICATIONS

\* Injection - In Mould Label

\* Printing-Rotogravure, flexographic and off-set

### 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±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 recommended to use the material within six months from the date of production.

### 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.