



PRODUCT DESCRIPTION

IMLOPV is a cavitated white, injection- in mould label film , both sides corona treated.

Treated glossy surface especiality design for UV printing.

PROPERTIES

UNIT

TEST METHOD

CB70NB-IMLOPV

Nominal Thickness (± 5%)

Micron

Gauge

Unit Weight (± 5%)

gm/m²

Yield

m2/kg

Chiripal Method

70

280

49

20.4

MECHANICAL PROPERTIES

Tensile Strength

MD

TD

kg/cm²

ASTM D-882

500 - 800

1600 - 2000

Elongation Break

MD

TD

%

ASTM D-882

160 - 220

30 - 70

THERMAL PROPERTIES

Thermal Shrinkage

(at 120°C / 5 mins)

MD

TD

%

ASTM D-1204

< 4.0

< 2.0

PRODUCT FEATURES

*Superior UV ink adhesion

*High Gloss

*White appearance.

*Good antistatic property.

*Superior Orange peel effect after injection moulding.

SURFACE PROPERTIES

Coefficient of Friction (NP/NP)

Dy

-

ASTM D-1894

0.25- 0.35

Surface Tension

Dyne/cm

ASTM D-2578

38

OPTICAL PROPERTIES

Transmittance

%

ASTM D-1003

15 - 25

Gloss at 45° (Printable Surface)

-

ASTM D-2457

> 70

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

APPLICATIONS

FOOD CONTACT

* Injection - In Mould Label

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

* Printing- Gravure, UV-flexo printing, Off set sheet fed printing with UV curing and oxidative drying inks.

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.

*Indication of surface treatment:-

IML-OPV is supplied with treatment on outside surface for printing and treatment on the inside surface for injection moulding.

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.