



## PRODUCT DESCRIPTION

Chiripal Poly Films NRE is transparent non heat salable non corona treated on both side, with excellent clarity, slip and antistatic properties for use in release lining application for decorative laminate manufacturing.

PROPERTIES	UNIT	TEST METHOD	CB12NU-RE	CB15NU-RE	CB20NU-RE	CB23NU-RE	CB30NU-RE	CB40NU-RE
Nominal Thickness (± 5%)	Micron	Chiripal Method	12	15	20	23	30	40
	Gauge		48	60	80	92	120	160
Unit Weight(± 5%)	gm/m <sup>2</sup>		10.9	13.7	18.2	20.9	27.3	36.4
Yield	m2/kg		91.6	73.3	54.9	47.8	36.6	27.5

### MECHANICAL PROPERTIES

Tensile Strength	MD	kg/cm <sup>2</sup>	ASTM D-882	1200 - 1500				
	TD			2800 - 3100				
Elongation Break	MD	%	ASTM D-882	150 - 250				
	TD			40 - 80				

### THERMAL PROPERTIES

Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	<5.0				
	TD			<3.0				

## PRODUCT FEATURES

### SURFACE PROPERTIES

- \* Excellent transparency and high gloss
- \* Excellent thermal release properties
- \* Good antistatic properties
- \* Good mechanical properties
- \* Good dimensional stability

Coefficient of Friction	Dy.	-	ASTM D-1894	0.35 - 0.40				
Surface Tension		Dyne/cm	ASTM D-2578	NIL				

### OPTICAL PROPERTIES

Haze (max)		%	ASTM D-1003	2.0				
Gloss at 45°		%	ASTM D-2457	90 - 95				

**Note:** MD – Machine Direction, TD – Transverse Direction

## APPLICATIONS

### FOOD CONTACT

- \* Release liner for decorative laminates
- \* Release film in plywood lamination

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 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.