



Metallized Chemical Coated and Other Side Corona Treated Film (MH-CCPB)

KEY FEATURES-MH-CCHB is Bi-axially oriented Vacuum high Barrier Metallized film. Metallize on chemical coated surface and other side corona treated. It has excellent barrier properties, enhanced high bond strength between metal to film, excellent machineability and high gloss.

APPLICATIONS- Suitable for flexible packaging application like Coffee, Juice, Powder, Snack foods, Tea etc.

TECHNICAL DATA SHEET

| Properties | Unit | Test Method | Typical Values | | | |
|---|--------------------|------------------------|----------------|---------|---------|---------|
| General | | | | | | |
| Thickness | Micron | SIPL | 8±0.2 | 10±0.2 | 12±0.3 | |
| Yield | M ² /Kg | SIPL | 89.3 | 71.4 | 59.5 | |
| Optical | | | | | | |
| Optical Density (Tolerance +/-5%) | | SIPL | 2.5-2.8 | 2.5-2.8 | 2.5-2.8 | |
| Mechanical | | | | | | |
| Tensile Strength (Min) | MD | Kg/cm ² | ASTM-D 882 | 2000 | 2000 | 2000 |
| | TD | | | 1900 | 1900 | 1900 |
| Elongation | MD | % | ASTM-D 882 | 120±20 | 120±20 | 120±20 |
| | TD | | | 120±20 | 120±20 | 120±20 |
| Surface | | | | | | |
| Surface Tension (Min) | Corona side | Dyne/cm | ASTM-D 2578 | 52 | 52 | 52 |
| | Metal side | Dyne/cm | ASTM-D 2578 | 56 | 56 | 56 |
| Metal Anchorage (without support) (Min) | Metal side | Gram/25 mm | AMICALTP-105 | 700 | 700 | 700 |
| Thermal | | | | | | |
| Shrinkage @ 150°C/30' | MD | % | ASTM-D 1204 | 2.0±0.5 | 2.0±0.5 | 2.0±0.5 |
| | TD | | | 0.4±0.2 | 0.4±0.2 | 0.4±0.2 |
| Barrier | | | | | | |
| MVTR (38°C/ 90% RH) | | g/m ² /day | ASTM F-1249 | <0.60 | <0.60 | <0.60 |
| Oxygen Permeability (25°C/ 0 % RH) | | cc/m ² /day | ASTM D 3985-95 | <0.8 | <0.8 | <0.8 |

Disclaimer: The data sheet information is to the best of our knowledge and experience. Some values may be customized wherever possible, as per the customer's requirement. Sparsh Industries Pvt. Ltd makes no warranty, whatsoever, to the product fitness for any specific use. Data sheet is purely for reader's consideration and verification for sale or contract.

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