

Description :

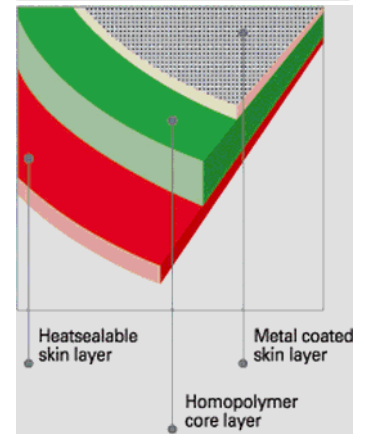
Metallized, heat sealable, high barrier BOPP film for food&confectionary packaging

Features and applications :

- * One side metallized; other side heat sealable
- * Excellent dimensional stability
- * Outstanding barrier properties to gas, moisture and light
- * Unprotected metallized side must be not in contact with foods.
- * Excellent metal adhesion
- * Metallized side for printing and lamination
- * For general packaging applications requiring barrier property (potato chips, coffee, snacks cookie packaging etc.)

Available gauge(s) (µm) : 15,18,20,30

Metallized BOPP film's surface treatment is affected by climate conditions. Primer on metallized surface is recommended for printing, inline corona treatment is recommended for lamination.



| Properties | Unit | | Technical Values | | | | Test Method |
|----------------------------------|--------------------|-----|------------------|--------|--------|--------|-------------|
| Thickness | µm | | 15 | 18 | 20 | 30 | ASTM D 2673 |
| Yield | m2/kg | | 73,3 | 61 | 54,9 | 36,6 | ASTM D 2673 |
| Optical density | % | | 2,5 | 2,5 | 2,5 | 2,5 | POLINAS |
| Dimensional stability | % | MD | -4 | -4 | -4 | -4 | ASTM D 1204 |
| | % | TD | -1,5 | -1,5 | -1,5 | -1,5 | |
| Tensile strength at break | kg/mm ² | MD | 14 | 12 | 12 | 12 | ASTM D 882 |
| | kg/mm ² | TD | 30 | 30 | 30 | 30 | |
| Elongation | % | MD | 175 | 175 | 175 | 175 | ASTM D 882 |
| | % | TD | 50 | 50 | 50 | 50 | |
| C.O.F | | BB | =< 0,5 | =< 0,5 | =< 0,5 | =< 0,5 | ASTM D 1894 |
| Heat seal temperature | °C | *BB | 115 | 115 | 115 | 115 | POLINAS |
| OTR (23C, 0%RH) | cm3/m2/24h | | 50 | 50 | 50 | 50 | ASTM D 3985 |
| WVTR (38C, 90%RH) | gr/m2/24h | | 0,3 | 0,3 | 0,3 | 0,3 | ASTM F 1249 |

OD: Optical Density - F: Front (Metallized Side) - B: Back - *220 N, 1 sec, 200 g/25mm

This film complies with the EC and FDA food contact regulations. Detailed documentation is available on your request.

All the information contained in this datasheet is supplied at the best of our knowledge and must not be construed as a guarantee. Since the circumstances and processes used in the application of our product are beyond our control, our guarantee remains within the limits of the generic conditions of supply of the product itself. Business Development and Customer Solutions Department is available to supply upon request all the updated recommendations relevant to the best converting and processing techniques for the product. Also, different film thicknesses and properties are available upon request.



Date : 27.02.2024

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