



Description :

Polinas PXM is a bi-axially oriented polyester (BOPET) film with external side is metallized. Specially designed for flexible packaging applications where high barrier properties are required.

Features and applications :

- * Excellent machinability
- * Not suitable for pasteurization
- * Unprotected metallized side must be not in contact with foods.
- * Good dimensional stability

Available gauge(s) (µm) : 12,19,23,36

PXM needs to be stocked in a closed warehouse and preserved from the light. Polinas will not accept any responsibility for material older than 1 year from the delivery

| Properties | Unit | Technical Values | | | | Test Method |
|---------------------------|-----------------------|------------------|--------|--------|--------|-------------|
| Thickness | µm | 12 | 19 | 23 | 36 | ASTM D 2673 |
| Yield | m2/kg | 59,95 | 37,9 | 31,28 | 20 | ASTM D 2673 |
| Optical density | % | 2,3 | 2,3 | 2,3 | 2,3 | POLINAS |
| Dimensional stability | % MD | =< 1,5 | =< 1,5 | =< 1,5 | =< 1,5 | ASTM D 1204 |
| | % TD | =< 1 | =< 1 | =< 1 | =< 1 | |
| Tensile strength at break | kg/mm ² MD | 22 | 22 | 23 | 23 | ASTM D 882 |
| | kg/mm ² TD | 25 | 25 | 24 | 24 | |
| Elongation | % MD | 120 | 120 | 130 | 130 | ASTM D 882 |
| | % TD | 110 | 110 | 120 | 120 | |
| C.O.F | BB | =< 0,5 | =< 0,5 | =< 0,5 | =< 0,5 | ASTM D 1894 |
| OTR (23C, 0%RH) | cm3/m2/24h | 1 | 1 | 1 | 1 | ASTM D 3985 |
| WVTR (38C, 90%RH) | gr/m2/24h | 0,5 | 0,5 | 0,5 | 0,5 | ASTM F 1249 |

F: Front B: Back

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.



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