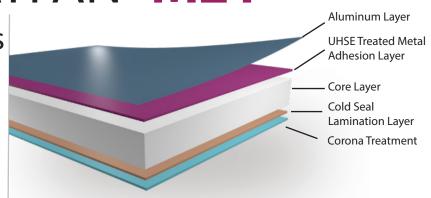
Applications

- Confections
- Snacks
- Bakery
- · Pet Food
- Graphic
- Ag/Chem
- Medical
- Electronics



ONE SIDE TREATED, ONE SIDE METALLIZED NON SEALABLE BOPP FILM

Summary

One side vacuum deposited Aluminum on Toray's Ultra High Surface Energy (UHSE), one side corona treated. Designed as a barrier cold seal or buried barrier metallized BOPP film with high lamination bond. Ideal for foil and MPET replacement.

Torayfan M.



✓ Technical Data **

| PROPERTIES | | METHOD | UNITS | TYPICAL VALUES | |
|--|----|--------------|-----------|----------------|-------|
| Thickness | | - | micron | 13 | 15 |
| Nominal Yield | | - | m²/kg | 87 | 73 |
| Tensile Strength at Break | MD | - ASTM D882 | MPa - | 200 | 200 |
| | TD | | | 300 | 300 |
| Young's Modulus | MD | - ASTM D882 | MPa - | 1,900 | 1,900 |
| | TD | | | 3,400 | 3,400 |
| Elongation at Break | MD | ACTM DOO2 | % - | 180 | 180 |
| | TD | - ASTM D882 | | 60 | 60 |
| Heat Shrinkage (140°C for 15 minutes) | MD | - ASTM D1204 | % - | 8 | 8 |
| | TD | | | 5 | 5 |
| Coefficient of Frieties (Treated Cide) | | ACTN D1004 | μ_{s} | 0.36 | 0.36 |
| Coefficient of Friction (Treated Side) | | ASTM D1894 - | μ_{d} | 0.31 | 0.31 |
| Wetting Tension | | ASTM D2578 | dyne/cm | 40 | 40 |
| MVTR - 38°C, 90% RH | | ASTM F1249 | g/m²/day | 0.155 | 0.155 |

- Excellent bonding of pressure sensitive adhesives (cold seals)
- · Non craze metal surface
- · Good moisture barrier
- Excellent bonding in extrusion and adhesive laminations

Similar Products

- M10
- PC3

✓ Typical Structures

- FCR/ink/ADH/M21/ Patterned Cold Seal
- PET/ink/PE/M21/PE
- BOPP/ink/PE/M21/PE
- Ink/Paper/PE/M21/PE
- O.L./ink/Board/PE/M21/PE
- O.L./ink/M21/PE/Board/PE

Winding Direction



★ These values do not constitute specific binding specifications

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