



Unsupported

Non-Adhesive Laminate Film 0.5 mil / 52 ga

Performance™ Unsupported OPP matte is extruded from premium biaxially-oriented polypropylene film and corona treated both sides. Suitable for the application of foil, UV, or other top coatings

KEY BENEFITS

- Low-glare, non-reflective finish
- Incredibly smooth surface
- More durable than overprint varnishes

SUGGESTED APPLICATIONS

- Prime Labels
- Sachets
- Stand-Up Pouches
- Stick Packs
- Three-Sided Sealed Bags

| | UNIT | METHOD | SPEC. | RESULT |
|-------------------------|--------------------|-----------|---------------|--------|
| THICKNESS AVERAGE_ACT | µm | DIC | 11.64 ~ 12.36 | 11.88 |
| TENSILE STRENGTH_MD | kg/mm ² | ASTMD882 | Min.13 | 15.80 |
| TENSILE STRENGTH_TD | kg/mm ² | ASTMD882 | Min.27 | 29.90 |
| TENSILE ELONGATION_MD | % | ASTMD882 | Max.180 | 162.00 |
| TENSILE ELONGATION_TD | % | ASTMD882 | Max.70 | 53.00 |
| SHRINKAGE_MD | % | ASTMD1204 | Max 6.00 | 4.80 |
| SHRINKAGE_TD | % | ASTMD1204 | Max 3.50 | 2.70 |
| HAZE | % | ASTMD1003 | Max.2.5 | 2.20 |
| GLOSS_60° | - | ASTMD2457 | Min.130 | 141.00 |
| C. O. F_µs | - | ASTMD1894 | Max.0.6 | 0.40 |
| C. O. F_µk | - | ASTMD1894 | Max.0.6 | 0.35 |
| ELECTRIC STATIC_H.D.T | SEC | DIC | Max.1000 | 20.00 |
| ELECTRIC STATIC_VOLTAGE | kv | DIC | Max.1.5 | 1.15 |
| STIFFNESS_MD | g/25mm | ASTMD1043 | Min.0.02 | 0.03 |
| STIFFNESS_TD | g/25mm | ASTMD1043 | Min.0.04 | 0.05 |
| WETTING TENSION_INSIDE | dyne/cm | ASTMD2578 | Min.38 | 42.00 |
| WETTING TENSION_OUTSIDE | dyne/cm | ASTMD2578 | Min.38 | 42.00 |

MD = Main Direction TD = Transverse Direction AL = Adhesive Layer GL = Gloss Layer ML = Matte Layer GU = Gloss Units ASTM = American Standard Test Method

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