

TECHNICAL DATA SHEET

| TECHNICAL DATA | | | | | | |
|----------------------------|----------|----------|-------------|--------------------------|-------------|--------------------------|
| PROPERTIES | POSITION | UNITS | ASTM # / | PP Corona B | | MT Corona B |
| | | | TEST METHOD | Both side corona treated | | Both side corona treated |
| PHYSICAL DATA | | | | | | |
| Average Thickness | | micron | D 374-C | 10 | 12/15 | 12/15 |
| | | gauge | | 39.37 | 47.24/59.06 | 47.24/59.06 |
| | | mils | | 0.39 | 0.47/0.59 | 0.47/0.59 |
| Thickness Variation | | %(=/-) | | 3 | 3 | 3 |
| Density | | g/cc | | 0.905 | 0.905 | 0.87 |
| Average Substance | | g/m2 | | 9.05 | 10.86/13.58 | 10.44/13.05 |
| Yield | | m2/kg | D-4321 | 110.5 | 92.08/73.66 | 95.79/76.63 |
| Wettability | | dynes/cm | D-2578 | 38 | 38 | Glossy : 38 |
| | | | | | | Matte : 42 |
| Coefficient of Friction | | - | D-1894 | 0.35-0.40 | 0.30-0.40 | 0.40-0.50 |
| OPTICAL DATA | | | | | | |
| Gloss (45 Deg) | | gardner | D-2457 | 92-95 | 92-95 | Matte : 8.0-10 |
| Haze | | % | D-1003 | 1.0-1.5 | 1.0-2.0 | 68-75 |
| MECHANICAL DATA | | | | | | |
| Tensile Strength | MD | kg/cm2 | D-882 | 1000-1500 | 1200-1500 | 1200-1500 |
| | TD | | D-882 | 2200-2800 | 2200-2800 | 2200-2800 |
| Elongation | MD | % | | 150-180 | 150-200 | 150-200 |
| | TD | | | 40-80 | 40-80 | 40-80 |
| THERMAL DATA | | | | | | |
| Shrinkage (120 Deg/5 min.) | MD | % | D1204 | 2.0-4.0 | 2.0-4.0 | 2.0-4.0 |
| | TD | | | 0.5-2.5 | 0.5-2.5 | 0.5-2.5 |
| Minimum seal Temp | | Deg C/F | GPL | NA | NA | NA |
| Heat seal Strength | | g/25 mm | GPL | NA | NA | NA |

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