



Technical Data Sheet

Stabiphane PLS

Both sides matt laser polyester film

Base(s) Clear bases

Technical data

| Properties | Method | Unit | 50 µm | 75 µm | 100µm | 125µm | 175µm | 190µm |
|---------------------------|-------------|---------------------|------------------|-------|-------|-------|-------|-------|
| General | | | | | | | | |
| Total thickness | Internal | µm | 70 | 95 | 120 | 145 | 195 | 210 |
| Relative density (23°) | ASTM D.1505 | g/cm ³ | 1.395 | | | | | |
| Melting point | - | °C | 260 | | | | | |
| Mechanical | | | | | | | | |
| Tensile strength at break | ASTM D.882 | daN/mm ² | 18 | 18 | 18 | 18 | 19 | 19 |
| Elongation at break | ASTM D.882 | % | 130 | 130 | 180 | 180 | 200 | 200 |
| Thermal | | | | | | | | |
| Shrinkage MD 150°C-30mn | ASTM D.1204 | % | <0.6 | | | | | |
| Shrinkage TD 150°C-30mn | ASTM D.1204 | % | <0.4 | | | | | |
| Specific | | | | | | | | |
| Smoothness | TAPPI T.479 | sec. | 80 | | | | | |
| Opacity visible | Internal | % | 14 | | | | | |
| Surface resistivity | ASTM D.257 | Ω.cm | 10 ¹⁰ | | | | | |
| Whiteness | Internal | % | >79 | | | | | |

MD: Machine direction

TD: Transversal direction

All typical values of properties relate to assessment made at time of manufacture.
This specification is confidential and submitted to the other party for mutual agreement.

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