

BOPP-thermal gloss film

Technical data

Description: it is a plain co-extruded polypropylene film which is EVA-pretreated on one side. It is used for lamination of printed paper and carton. The other side is Corona-pretreated and therefore usable for different printing methods. The film is appreciated because of its glossy and its good mechanical properties. Laminating temperature: 90°C-130°C.

| property | | unit | value |
|------------------------------------|------------------|--------|------------------|
| PHYSICAL DATA | | | |
| <i>thickness</i> | | micron | 22 |
| <i>coefficient of friction</i> | <i>film/film</i> | - | 0,28 |
| <i>treatment / both sides</i> | | - | CORONA |
| MECHANICAL DATA | | | |
| <i>tensile strength</i> | <i>MD</i> | Mpa | 79 |
| | <i>TD</i> | Mpa | 142,5 |
| <i>elongation</i> | <i>MD</i> | % | 159,6 |
| | <i>TD</i> | % | 49,3 |
| <i>surface tension</i> | substrate | mN/m | 40 |
| | coating | mN/m | 50 |
| <i>stripping resistance</i> | | N/15mm | 0,16 |
| <i>lamination strength</i> | | N/15mm | 4,79 |
| THERMAL DATA | | | |
| <i>shrinkage (120 °C, 30 Sec.)</i> | <i>MD</i> | % | 1,2 |
| | <i>TD</i> | % | 0,3 |
| Laminating temperature | | | 100-120°C |
| OPTICAL DATA | | | |
| <i>haze</i> | | % | 2,94 |

Applicable to after-lamination process like hot stamping, UV curing and silk screen printing.
Theoretical values (rounded of first decimal place)