



Achilles veredelt.

technical data sheet - properties

Achilles Spezial-Matt® - Film

Description: Extruded, biaxially oriented and special coated polypropylen film for lamination

Characteristics: 1. matte-character
2. scratch-resistant surface

Treatment: The not-matte site corona treated

| Properties | | Unit | Test-Method | Typical Values |
|-------------------------|--|------|---------------------|----------------|
| Thickness | | µm | Achilles Method | 17 |
| Tensile Strength | MD | MPa | ASTM D 882 | 99,9 |
| | TD | | | 192,5 |
| Elongation at break | MD | % | ASTM D 882 | 119 |
| | TD | | | 40 |
| Haze | | % | ASTM D 1003 | 56,6 |
| transparency | | % | ASTM D 1003 | 92,6 |
| Gloss (Matte) | | - | Achilles Method 60° | 6 – 8 |
| Coefficient of friction | m/m | - | DIN EN ISO 8295 | 0,30 |
| Heat Shrinkage | MD | % | DIN 53 377 | 5,0 |
| | TD | | | 3,7 |
| Bonding | <p>This matte OPP can be adhered to the surface of a collapsible box. In industrial tests on a collapsible box gluing machine „Jagenberg Diana“ and the use of GD-, GC- and sulphate carton the gluing results were excellent. The following adhesives was used in the tests:</p> <ul style="list-style-type: none"> ▪ Jowat: 74802 ▪ Henkel: A-7371 <p>Sample adhering tests are recommended!</p> | | | |

MD= machine direction
TD = cross machine direction