



Technical Information and Typical Properties

MIT One Side-Cling Machine Film .55 mil



Product Description

Sigma Summit is Sigma's ultra-performance one-side cling, cast film. Summit sets the industry standard with this high quality, consistent machine film perfectly suited for high speed wrapper applications. Summit, in conjunction with our Rite-Gauging methodology will get more product to its destination in as-made condition.

General

Applications • High Volume • High speed wrapping • One-side cling required
 Revision Date 6/22/2015 Available in 20 and 30 inch widths

| Film Properties | Typical Value | | Test Method |
|----------------------------------|---------------|-----------|-------------|
| | (English) | Tolerance | |
| Tensile Strength at Yield MD | 1350 psi | ± 15% | ASTM D882 |
| Tensile Strength at Yield TD | 1250psi | ± 15% | ASTM D882 |
| Tensile Strength at Break MD | 6700psi | ± 15% | ASTM D882 |
| Tensile Strength at Break TD | 4000psi | ± 15% | ASTM D882 |
| Elongation at Break MD | 470% | ± 15% | ASTM D882 |
| Elongation at Break TD | 590% | ± 15% | ASTM D882 |
| Protrusion Puncture | 10.0 lbs | ± 15% | ASTM D5748 |
| Protrusion Puncture Energy | 17.1 in-lb | ± 15% | ASTM D5748 |
| Elmendorf Tear Strength MD | 300 g/mil | ± 15% | ASTM D1922 |
| Elmendorf Tear Strength TD | 600 g/mil | ± 15% | ASTM D1922 |
| Cling - Outside to Inside @ 225% | min 150 g/in | ± 15% | ASTM D5458 |

| Dimensions | Value | Tolerance |
|----------------|-------------|-----------|
| Core ID | 3.05 inches | ± 0.05 in |
| Film Thickness | 14.0 micron | |

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