



Technical Information and Typical Properties

MSC Two-Sided Cling Machine Film .75 mil



Product Description

Sigma Select is Sigma's most versatile cast machine film. It is intended primarily for pallet wrap; but is used in many other applications.

General

Applications: High Volume, Lower speed wrapping, One-sided cling not required
 Revision Date: 6/22/2015 Available in 20 and 30 inch widths

| Film Properties | Typical Value (English) | Tolerance | Test Method |
|----------------------------------|----------------------------|-----------|-------------|
| Tensile Strength at Yield MD | 1250 psi | ± 15% | ASTM D882 |
| Tensile Strength at Yield TD | 1200psi | ± 15% | ASTM D882 |
| Tensile Strength at Break MD | 6900psi | ± 15% | ASTM D882 |
| Tensile Strength at Break TD | 4000psi | ± 15% | ASTM D882 |
| Elongation at Break MD | 450% | ± 15% | ASTM D882 |
| Elongation at Break TD | 620% | ± 15% | ASTM D882 |
| Protrusion Puncture | 9.8 lbs | ± 15% | ASTM D5748 |
| Protrusion Puncture Energy | 21.4 in-lb | ± 15% | ASTM D5748 |
| Elmendorf Tear Strength MD | 330 g/mil | ± 15% | ASTM D1922 |
| Elmendorf Tear Strength TD | 530 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 | 19.0 micron | |

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Sigma Stretch Film

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