



Polyart IML 120

- HDPE voided film
- Simultaneous biaxial orientation
- Heat reactive adhesive layer
- Grid pattern to avoid blisters

| Property | Method | Units | Typical values |
|---------------------------------|------------------|---------------------|---------------------------|
| Weight | ISO 536:1995 | lbs | 47 (500 sheets 25" x 38") |
| Thickness | ISO 534:2005 | mils | 4.4 |
| Density | | g/cm ³ | 0.62 |
| Whiteness | TAPPI 1216 SP-07 | % | 90 |
| Opacity | ISO 2471:2008 | % | 91 |
| Tensile strength | ISO 527-3:1995 | lbs/in ² | |
| MD | | | 5800 |
| TD | | | 4500 |
| Elongation at break | ISO 527-3:1995 | % | |
| MD | | | 90 |
| TD | | | 70 |
| Tear strength | ASTM D1004-66 | lbs/in | |
| MD | | | 285 |
| TD | | | 400 |
| Surface Resistivity | ASTM D-257 | Ω/□ | <10 ¹⁴ |
| Stiffness (Gurley) | TAPPI T543 | mg | 44 |
| Adhesive Activation Temperature | AWA 2.2.5 | °F | 257 |

Features and Benefits

- Compatible with HDPE & PP blow molded bottles
- Designed for wheel and shuttle type machines
- Suitable for use with many printing techniques including UV flexo and gravure printing
- No grain direction due to simultaneous biaxial stretching technology

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