



Polyart IML 3120

- 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			5900
TD			5500
Elongation at break	ISO 527-3:1995	%	
MD			110
TD			90
Tear strength	ASTM D1004-66	lbs/in	
MD			325
TD			425
Surface Resistivity	ASTM D-257	Ω/□	<10 ¹⁴
Stiffness (Gurley)	TAPPI T543	mg	44

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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