



Polyart IML 3130

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

Property	Method	Units	Typical values	
Weight	ASTM: D645-92	lbs	54 (500 sheets 25" x 38")	
Thickness	ASTM: D646-92 (95)	mils	5.1	
Density	Calculated	g/cm ³	0.62	
Whiteness	ISO 2470	%	90	
Opacity	DIN 53146	%	94	
Tensile strength				
	MD	ASTM: D638-95	lbs/in ²	5900
	TD			5400
Elongation at break				
	MD	ASTM: D638-95	%	110
	TD			90
Tear strength				
	MD	ASTM: 1004-66	lbs/in	325
	TD			425
Surface Resistivity	ASTM: D-257	Ω/□	<10 ¹⁴	
Stiffness (Gurley)	TAPPI T543	mg	50	

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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