



Polyart_® IML 120 PSL

- Filled HDPE film-highly cavitated core
- Simultaneous biaxial orientation
- Heat reactive adhesion layer
- Grid pattern to avoid blisters

PROPERTY	TEST METHOD	UNITS	TYPICAL DATA VALUES
Thickness	ISO 534:2011	Mils Microns	4.8 121
Weight	ISO 536:2012	g/m²	80
Density	ISO 534:2011	g/cm³	0.66
Whiteness	TAPPI 1216 SP-12	%	90
Opacity	ISO 2471:2008	%	92
Surface Resistivity	ASTM: D-257-14	Ω/□	<10 ¹⁴
Dyne Level	ASTM D2578-09	Dynes/cm	>42



Features and Benefits



· Printing:

- . Sheet-fed offset & web (offset, flexo, gravure)
- . No Machine Direction

Recycling:

- . Compatible for mono-component HDPE bottles
- . HDPE substrate for PP & PE blow-molding compatibility
- . 100% compatible with regrind PE/PP bottles

Blow-molding:

- . Blister free engineered grid pattern
- . Full adhesion at low temperatures
- . Anti-blocking for high-speed pick & place robotics
- . Compatible with shuttle & wheel blow molding

Bottle Type:

- . Small and large labels
- . Smooth light orange peel

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