ARJOBEX

Polyart HS175 GSM Uncoated

Ink

Filled Expanded HDPE
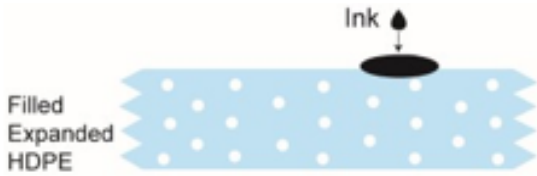
- **HDPE voided film-High Strength**
- **Simultaneous biaxial orientation**

PROPERTY	TEST METHOD	UNITS		TYPICAL DATA VALUES
Thickness	ISO 534:2011	Mils		7.5
		Microns		190
Weight	ISO 536:2012	g/m²		175
		lbs: 500 sheets-25"x38"		118
Density	ISO 534:2011	g/cm3		0.92
Whiteness	ISO 2470:2016	%		90
Opacity	ISO 2471:2008	%		96
Tensile Strength	ASTM: D638-14	lbs./in²		MD: 6500
				TD: 5500
Elongation	ASTM: D638-14	%		MD: 170
				TD: 190
Tear Strength	ASTM: D1004-13	lbs./in		MD: 750
				TD: 975
Fold 180		Times		>5X10^4
Surface Resistivity	ASTM: D257-14	$\Omega/\square$		<10^{14}

Features and Benefits

- ~50% higher tear strength than standard Polyart
- Clean tear with perfs (initiate tear on edge)
- Resistant to water, grease and many chemicals
- Uncoated is cost effective solution for tags/labels
- Endures temps -76F to 140F

- No machine direction, no static issues
- Writable
- Printable by Flexo, UV Litho, letterpress & gravure
- Digitally printable by UV inkjet, Xeikon ICE and with primer, HP Indigo

Polyart.
— the synthetic paper —