

## EnviroLite™ OPS MPX 1600 Natural

An opaque OPS sheet containing a patented micro cellular technology that makes an immediate impact on the environment through source reduction.



10x zoom photomicrograph

The first step in waste minimization is weighting the amount of material used performance. Select items that generate

source reduction. By light without having an impact on product less waste to begin with!

### PROPERTIES

- High opacity
- 20% lighter than standard OPS sheet resulting in superior yield
- High thermoforming rates
- Recyclable in existing recycling streams
- FDA compliant to CFR 21 #177.1640
- Kosher



Sample trays of EnviroLite in various colors

### CAPABILITIES

- Gauge: .005" to .025" (126 to 635 µm)
- Width: 12" to 62" (305 to 1575 mm)
- Core Size: 6" standard cores, 3" and 8" available
- Roll O.D.: 29" standard, up to 40" available
- Silicone coating available
- Custom Colors Available

Part of our **EnviroSafe®** line of eco-efficient options available without compromising processability. Reducing the total weight of the package contributes to efficient use of our limited resources.



# OPS SHEET

January 2011

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### TECHNICAL SPECIFICATIONS

	Value	Units	ASTM
Specific Gravity	0.8	grams/cm <sup>2</sup>	
Shrinkage	0.5	%	D955
Yield	34,615.4	in <sup>2</sup> /lb./mil of thickness	
Tensile Strength at Yield	4,500 – 5,500	psi	D638
Ultimate Elongation	3	%	D638
Tensile Modulus	240,000	psi	D638
Flexural Modulus	450,000	Psi	D790
Typical Thermoforming Temperature	270 to 310	°F	
	(132 to 155)	(°C)	
Typical Range of Use	20 to 170	°F	
	(-6 to 77)	(°C)	

### CHEMICAL RESISTANCE

Acid Resistance	Good to Excellent
Strong Oxidizers	Poor
Alkalies	Excellent
Hydrocarbon Solvents	Poor
Alcohols	Good to Excellent
Fat, Grease, and Oil	Good

### YIELD COMPARISON

	OPS Sheet	EnviroLite	
Density	1.05	0.86	<b>22% Yield Advantage</b>
Sheet Price/Lb	\$0.88	\$0.98	If you can make <b>100</b> parts with OPS You can make <b>122</b> parts with same gauge Envirolite
Flex Modulus	425,000	240,000	If a part Costs <b>\$0.10</b> using OPS It would cost <b>\$0.091</b> using EnviroLite (same gauge)

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**FOR MORE INFORMATION CONTACT OUR SALES DEPARTMENT AT 888.456.8018**