



OPS SHEET

July 2012

MPX 1100 Prime Clear OPS Sheet

CAPABILITIES

- Gauge: .005" to .025" (126 to 635 μ m)
- 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

PROPERTIES

- Remarkable clarity
- Excellent stiffness to allow down gauging
- Superb yield
- Easily thermoformed
- FDA compliant to CFR 21 #177.1640
- Kosher material

TECHNICAL SPECIFICATIONS

	Value	Units	ASTM
Density	1.05	g/cc	
Shrinkage	0.5	%	D955
Yield	26,360	in ² /lb./mil of thickness	
Tensile Strength at Yield	8,000 to 12,000	psi	D638
Ultimate Elongation	3 to 10	%	D638
Tensile Modulus	400,000 to 450,000	psi	D790
Typical Thermoforming Temperature	270 to 310 (132 to 155)	°F (°C)	
Typical Range of Use	20 to 170 (-6 to 77)	°F (°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

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FOR MORE INFORMATION CONTACT OUR SALES DEPARTMENT AT 888.456.8018