



# PET SHEET

July 2012

## MPX 4500 Anti-Fog APET Sheet

### CAPABILITIES

- Gauge: .010" to .035" (254 to 889  $\mu$ m)
- Width: 12" to 48" (305 to 1219 mm)
- Core Size: 6" standard cores, 3" and 8" available
- Roll O.D.: 29" standard, up to 32" available

### PROPERTIES

- Anti-Fog treated to inhibit the formation of surface fogging when used as lid stock for warm, room, and refrigerated food storage
- Exceptional clarity and impact performance
- Good formability with great definition
- Faster forming cycles than PVC
- Anti-Fog component does not contain Octylphenol or Nonylphenol
- FDA complaint to CFR 21#177.1630
- Kosher material

### TECHNICAL SPECIFICATIONS

	Value	Units	ASTM
Density	1.33	g/cc	
Shrinkage	2.0 to 5.0	%	D955
Yield	20,810	in <sup>2</sup> /lb./mil of thickness	
Tensile Strength at Yield	8,000 to 9,000	psi	D638
Ultimate Elongation	200 to 400	%	D638
	325,000 to		
Flexural Modulus	370,000	psi	D790
Intrinsic Viscosity	$\geq 0.74$		D3835
Light Transmission	$\geq 90$	%	D1003
Haze	$\leq 2$	%	D1003
Clarity	$\geq 99$	%	D1003
Typical Thermoforming Temperature	250 to 310	$^{\circ}$ F	
	(121 to 154)	$^{\circ}$ C	
Typical Range of Use	0 to 150	$^{\circ}$ F	
	(-18 to 66)	$^{\circ}$ C	

### CHEMICAL RESISTANCE

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

*The information herein, is to the best of our knowledge, true, and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. No warranty is made or implied.*

FOR MORE INFORMATION CONTACT OUR SALES DEPARTMENT AT 888.456.8018

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