



OPS FILM

July 2012

MPX 2200 Prime Graphic Arts OPS Film

CAPABILITIES

- Gauge: .001" to .004" (28 to 101 μ m)
- Width: 2" to 80" (50.8 to 2032 mm)
- Core Size: 3" and 6" standard cores, 8" available
- Roll O.D.: various configurations available
- Custom Colors and tints available
- Corona treatment available
- Matte and gloss available

PROPERTIES

- Excellent clarity and stiffness
- Superb yield
- Superior dimensional stability
- Excellent ink adhesion
- Ideal for metallizing applications
- FDA compliant CFR 21 #177.1640
- Kosher material

TECHNICAL SPECIFICATIONS

| | Value | Units | ASTM |
|---------------------------|-------------------------|---------------------------------------|------|
| Density | 1.05 | g/cc | |
| 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 Range of Use | 0 to 175 (-17 to 79) | °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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