

## TRYCITE® 8001 Polystyrene (PS) Film

### DESCRIPTION

Trycite 8001 is a clear, high-gloss oriented polystyrene film for use in lamination and envelope window applications.

### COMPLIANCE

Please visit [transcendia.com/compliance](https://transcendia.com/compliance) for more compliance information.

### TECHNICAL DATA

PROPERTIES		UNIT OF MEASURE	TYPICAL VALUES						TEST METHOD
Thickness		mil.	1.0	1.15	1.25	1.5	2.0	2.5	-
Yield		m <sup>2</sup> /kg.	37	33	30	25	19	15	ASTM D4321
Gloss		(60°)	165						ASTM D2457
Haze		%	0.500						ASTM D1003
Shrink Tension. MD 135°C, <38.1 μm		MPa	1.65						Internal
Shrink Tension MD 135°C, 50.8 to 63.5 μm		MPa	1.38						
Shrink Tension TD: 135°C, <38.1 μm		MPa	0.896						
Shrink Tension TD: 135°C, 50.8 to 63.5 μm		MPa	1.72						
Tensile Strength	MD	MPa	74.5						ASTM D882
Tensile Strength	TD	MPa	68.3						ASTM D882
Elongation at Break	MD	%	17						ASTM D882
Elongation at Break	TD	%	6						ASTM D882
Dart Drop Impact		grams	<40						ASTM D1709
Elemendorf Tear	TD (25 μm)	grams	7						ASTM D1922
Secant Modulus, 1%	MD	MPa	3000						ASTM D882
Secant Modulus, 1%	TD	MPa	2660						ASTM D882

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