

TRYCITE® 8003 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 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	3.0	-
Yield		m²/kg.	38	33	30	25	18.9	15.2	12.5	ASTM D4321
Gloss		(60°)	20							ASTM D2457
Haze		%	0.56							ASTM D1003
Shrink Tension, MD 135°C		MPa	1.21							Internal
Shrink Tension, MD 135°C		MPa	0.896							
Tensile Strength	MD	MPa	55.8							ASTM D882
Tensile Strength	TD	MPa	55.8							ASTM D882
Tensile Elongation	MD: Break	%	70							ASTM D882
Tensile Elongation	TD: Break	%	90							ASTM D882
Dart Drop Impact		grams	200							ASTM D1709
Elemendorf Tear	TD (25 µm)	grams	7							ASTM D1922
Secant Modulus, 1%	MD	MPa	2480							ASTM D882
Secant Modulus, 1%	TD	MPa	2550							ASTM D882

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