

TRYCITE® 1003U

DESCRIPTION

Trycite 1003U is a clear, oriented polystyrene film with a high gloss. It is a versatile substrate when stiffness and durability are required. It is suitable for a wide range of laminating, packaging, and printing applications.

CHARACTERISTICS

- Excellent optics
- Stiff and durable
- Low curl
- Good dimensional stability
- Temperature stable from -22 to 158°F

FDA STATUS

Manufactured with materials compliant with FDA regulations.

COMPLIANCE

Please visit <https://www.transcendia.com/compliance> for more compliance information.

TECHNICAL DATA

PROPERTIES		UNIT OF MEASURE	TYPICAL VALUES			TEST METHOD
Thickness		Gauge	125	150	200	-
Yield		in ² /lb	21,120	17,600	13,200	ASTM D2103
Tensile Strength	MD	psi	10,500			ASTM D882
Tensile Strength	TD	psi	10,500			ASTM D882
Elongation at Break	MD	%	30	32	40	ASTM D882
Elongation at Break	TD	%	6	10	14	ASTM D882
1% Secant Modulus	MD	psi	430,000			ASTM D882
1% Secant Modulus	TD	psi	430,000			ASTM D882
Shrink Tension (275°F)	MD	psi	600			TM 101501
Shrink Tension (275°F)	TD	psi	120			TM 101501
Haze		%	0.5			ASTM D1003
Gloss (60°)		Gloss Units	165			ASTM D2457

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