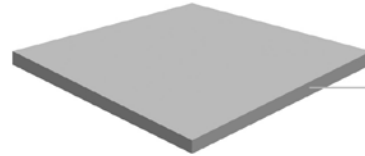


TRYCITE® 1003U



Clear Oriented Polystyrene

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°F to 158°F

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE*			TEST METHOD
		125	150	200	
Thickness	Gauge	125	150	200	Transcendia test
Yield	in ² /lb.	21,120	17,600	13,200	ASTM D4321
Tensile Strength at Break MD	psi	10,500			ASTM D882
Tensile Strength at Break TD	psi	10,500			ASTM D882
Elongation at Break MD	%	30	32	40	ASTM D882
Elongation at Break TD	%	6	10	14	ASTM D882
Elasticity Modulus MD (1% Secant)	psi	430,000			ASTM D882
Elasticity Modulus TD (1% Secant)	psi	430,000			ASTM D882
Shrink Tension MD (275°F)	psi	≤600			DOW 101501
Shrink Tension TD (275°F)	psi	>450			DOW 101501
Haze	%	0.5			ASTM D1003
Gloss	%	165			ASTM D2457

* Values for reference data only. Contact a Transilwrap film sales representative for actual gauges available. Note: All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The information does not constitute a warranty nor guarantee of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own tests. Transilwrap shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the information.

Revision Date: 09/11/2018