

B1U Copolyester (PETg) Shrink Sleeve Film

DESCRIPTION

B1U is a copolyester (PETg) heat shrinkable film exhibiting reduced machine direction shrinkage and shrinkage force relative to other PETg film types.

CHARACTERISTICS

- Optical brightener provides tamper-evident detection capability
- Excellent for multi-contoured containers
- Anti-static coated on one side

FDA STATUS

Manufactured with materials compliant with FDA regulations

COMPLIANCE

Please visit transcendia.com/compliance for more compliance information.

TECHNICAL DATA

PROPERTIES		UNIT OF MEASURE	TYPICAL VALUES		TEST METHOD
Thickness		gauge	180	200	-
Yield		in ² /lb	11,926	10,733	-
Tensile Strength	MD	psi	>6500	8176	ASTM D882
Tensile Strength	TD	psi	>20,000	25,824	ASTM D882
Elongation at Break	MD	%	>390	522	ASTM D882
Elongation at Break	TD	%	>10	64	ASTM D882
Elmendorf Tear Strength	MD	g/ply	>50	361	ASTM D1922
Elmendorf Tear Strength	TD	g/ply	>5	19	ASTM D1922
Haze		%	≤ 7.0	2.6	ASTM D1003
Shrinkage Stress		MPA	5.9	5.9	-
Specific Gravity		-	1.31	1.31	-
CoF		Kinetic	0.200~0.340	0.26	ASTM D1894
Ring Crush		N	-	7.6	TAPPI T818
Surface Tension		Dyne	≥ 42	≥ 42	Internal
UV Absorbance		-	>0.28 abs @ 380nm	>0.28 abs @ 380nm	UV spectrophotometer

*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 guaranty 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 test. Transcendia 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.

CORPORATE HEADQUARTERS

9201 W. Belmont Avenue | Franklin Park, IL 60131
USA 800.745.5802 | 847.678.1800 main | 847.233.0199 fax
CAN 800.268.4108 | 416.292.6000 main | 416.292.7399 fax
TRANSCENDIA.COM

Revision Date: 12/31/2024
 ©2024 Transcendia Inc. All Rights Reserved