

**POLYESLINE S.L.U.**

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Web site: www.polyesline.com**POLYES-FILM (B-2153)****TECHNICAL SPECIFICATION SHEET**

DESCRIPTION: B-2153 is Co extruded standard clear polyester film having excellent surface, good clarity, superior gloss and good handling property.

APPLICATIONS: High clarity film suitable for metallisation, high quality lamination, and other industrial and general application.

SALIENT FEATURES:

- High clarity and transparency
- High surface gloss
- Excellent Machinability
- Excellent Mechanical Properties
- Excellent Dimensional Stability

**TECHNICAL DATA**

PROPERTIES		TEST METHOD	UNIT	B-2153	
PHYSICAL					
Thickness		ASTM D 374	Micron (Gauge)	50 (200)	
Yield		JPFTM	m ² /kg (in ² /lb)	14 (10000)	
OPTICAL					
Haze		ASTM D 1003	%	2.0	
Total Luminous Transmission		ASTM D 1003	%	89	
MECHANICAL					
Tensile strength	(Min)	MD	ASTM D-882	Kg/cm ² (psi)	1800 (25600)
		TD	ASTM D-882	Kg/cm ² (psi)	1800 (25600)
Elongation	(Min)	MD	ASTM D-882	%	90
		TD	ASTM D-882	%	85
Coefficient of friction (Side-A / B)	(Max)	St	ASTM D-1894	-	0.55
		Dy	ASTM D-1894	-	0.45
THERMAL					
Shrinkage (150°C / 30 min)	(MAX)	MD	ASTM D 1204	%	2.8
		TD		%	0.4
SURFACE					
Wetting tension	(Min)	ASTM D 2578	dyne/cm	44	
BARRIER					
WVTR (38 °C & 90% RH)	(Max)	ASTM E-398	g / m ² / day (g / 100 inch ² / day)	18 (1.2)	
OTR (23 °C & 0% RH)	(Max)	ASTM D-3985	cc / m ² / day (cc / 100 inch ² / day)	30 (2.0)	

The values given in this technical datasheet are typical performance data and are believed to be accurate. These are given in good faith but it is for the customer to satisfy of the suitability for its own particular purpose. POLYESLINE S.L.U. suggests the customer to confirm these values and product compatibility prior to their use and the company offers neither guarantee nor accepts any responsibility for the fitness of the product for any particular use.