



POLYESLINE S.L.

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POLYES-FILM (B-2153)

TECHNICAL SPECIFICATION SHEET

DESCRIPTION: B-2153 is Co extruded standard clear 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. 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.