



POLYESLINE S.L.U.

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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 the technical data sheets of our products are typical performance data and are believed to be accurate. These are given in good faith, but it is up to the client to verify the suitability for his own particular purpose. POLYESLINE S.L.U. suggests to the customer to confirm these values and the compatibility of the product before use. POLYESLINE S.L.U. does not offer any guarantee or accept any responsibility for the suitability of the product for a particular use. For this reason, POLYESLINE S.L.U. will only be liable in the event that the material is defective, and only after its manufacturer confirms and ratifies it; and will never be responsible for the damages caused by its use, nor will it be responsible for them, nor for cost of the transport for return or replacement, if applicable