



Specification Report

POSTFORMING High-pressure Decorative Laminates

FORMILINE INDÚSTRIA DE LAMINADOS LTDA. laminates consist of several layers of phenolic resin-impregnated Kraft paper as a base to a layer of melamine-impregnated solid colour or printed design paper and a translucent overlay containing melamine. All bonded under heat and pressure. The back of the laminate is sanded to permit good bonding.

Used in vertical and horizontal applications, mobile and resistance. It takes care of to the requirements of appearance, durability and steam resistance, impact and abrasion. It posses the property of bending, when warm in specific equipment, making possible the application in rounded off edges, providing original options of design

Performance proprieties for Texture finish.

Property or attribute	Standard Test method	Unit	Typical Formiline Values *				
			0,6mm	0,7mm	0,8 mm	1,0mm	1,2mm
<i>Ball Impact Resistance</i>	Nema LD 3 -2005	mm	≥ 400	≥ 500	≥ 550	≥ 750	≥ 750
<i>Dimensional Change</i>	Nema LD 3 – 2005	% MD(max) % CD (max)	≤ 1,10 ≤ 1,40	≤ 1,10 ≤ 1,40	≤ 1,10 ≤ 1,40	≤ 1,10 ≤ 1,40	≤ 0,90 ≤ 1,30
<i>Formability</i>	Nema LD 3 – 2005	mm (In) Radius	6,4 (1/4)	9,6 (3/8)	9,6 (3/8)	16 (5/8)	16 (5/8)
<i>Blistering</i>	Nema LD 3 – 2005	Secs.	≥ 30	≥ 40	≥ 40	≥ 55	≥ 55
<i>Scratch Resistance</i>	Nema LD 3 – 2005	N	2,5				
<i>Wear Resistance</i>	Nema LD 3 -2005	Cycles	≥ 400				
<i>Appearance</i>	Nema LD 3 -2005	Rating	No ABC Defects				
<i>Boiling Water Resistance</i>	Nema LD 3 -2005	Rating	No Effect				
<i>High Temperature Resistance</i>	Nema LD 3 - 2005	Rating	No Effect				
<i>Stain Resistance</i> 1 – 10 11 – 15	Nema LD 3 - 2005	Rating	No Effect				
			Slight Effect				

Where:

MD = machine direction

CD = cross direction

* This range encloses different colours