



Specification Report

STANDARD High-Pressure Decorative Laminates

FORMILINE 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.

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 (min)	≥ 400	≥ 500	≥ 800	≥ 900	≥ 1250
<i>Dimensional Change</i>	Nema LD 3 –2005	% MD (máx) % CD (máx)	≤ 0,80 ≤ 1,30	≤ 0,70 ≤ 1,20	≤ 0,65 ≤ 1,10	≤ 0,60 ≤ 1,00	≤ 0,50 ≤ 0,90
<i>Scratch Resistance</i>	Nema LD 3 – 2005	N	2,5	2,7	2,8	2,8	2,8
<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> 01 – 10 11- 15	Nema LD 3 - 2005	Rating	No Effect				
			Slight Effect				
<i>Test Fire</i>	ASTM E - 162 UNE 23-727-90	----	Class A M 3				

Where:

MD = machine direction

CD = cross direction

* This range encloses different colours