



Specification Report

DECORATIVE METALS High-Pressure Decorative Laminates

PERFORMANCE PROPRIETIES

Property or attribute	Standard Test method	Unit	Typical Formiline Values				
			0,6mm	0,7mm	0,8mm	1,0mm	1,2mm
<i>Ball Impact Resistance</i>	Nema LD 3 -2000	mm	> 400	> 500	> 900	> 1250	> 1250
<i>Dimensional Change</i>	Nema LD 3 -2000	% MD (máx)	≤ 0,80	≤ 0,70	≤ 0,65	≤ 0,60	≤ 0,50
		% CD (máx)	≤ 1,30	≤ 1,20	≤ 1,10	≤ 1,00	≤ 0,90
<i>Formability (*)</i>	Nema LD 3 -2000	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 - 2000	Seconds	≥ 40	≥ 50	≥ 60	≥ 70	≥ 70
<i>Appearance</i>	Nema LD 3 -2000	Rating	No ABC Defects				
<i>Boiling Water Resistance</i>	Nema LD 3-2000	Rating	No Effect				
<i>High temperature resistance</i>	Nema LD 3 - 2000	Rating	No Effect				
<i>Stain resistance</i> 1 – 10 11 – 15	Nema LD 3 - 2000	Rating	No Effect				
			Moderate Effect				

Where:

MD = machine direction

CD = cross direction

() Only type Postforming*

Recommended Uses: Formiline Decorative Metals are designed for vertical interior or ceiling application where a special accent is required or a special mood is desired. The surface of Decorative Metals is that of fine fished metal.

Basic Uses: Formiline decorative Metals anodized aluminum sheets are recommended for interior vertical surfaces. Some typical applications are in hotel, and office lobbies, theaters, restaurants, wall panels, residential and institutional furniture.

Limitations: Formiline Decorative Metals are recommended for use on interior vertical surfaces. Pure Metals should not be used on horizontal surfaces. All metal material is sensitive to extreme temperature changes which could result in product deformation.

Type AD305, AD306, AD307, AD308 and AD309: Anodized Aluminum

Note: Prolonged exposure to sunlight can cause fading of these finishes.