

## AluFlex Technical Data Sheet (1) :

Characteristics	Test Method	Required Value
Thickness	EN 438-2 section 5	$0.5 \leq t \leq 0.1 \text{ mm} : \pm 0.10 \text{ mm}$
Density	EN 323	$1.40 \pm 0.05 \text{ Kg/ m}^3$
Resistance To Surface Wear	EN 438-2 Section 10 VGS , VGP	IP $\geq$ --- FP $\geq$ ---
Scratch Resistance	EN 438-2 Section 25 VGS , VGP	Min. 2 N
Resistance to Staining	EN 438-2 Section 26 VGS , VGP Grup 1 + 2 Grup 3	Min. level 5 Min. level 4
Resistance to Dry Heat at 180°C	EN 438-2 Section 16 VGS , VGP Regular Surface	Min. level 4
Resistance to Cigarette Burn	EN 438-2 Section 30 VGS , VGP	Min. level 3
Resistance to Water Vapor	EN 438-2 Section 14 VGS , VGP Other Surface Finish	Min. level 4
Formability Radius	EN 438-2 Section 31 / 32 VGP L ( Machine Direction ) T ( Cross Direction )	$\leq 10 \times$ laminate nominal thickness $\leq 20 \times$ laminate nominal thickness
Resistance To Blister	EN 438-2 Section 33 / 34 VGP $t_2 - t_1$ ( Sec ) Nominal Thickness < 0.8 mm	$\geq 8$

**Remarks :**

**@ VGS = Vertical Grade Standard Laminate**

**@ VGP = Vertical Grade Post Forming Laminate**