

S-Flex 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 $\geq 50 \text{ rpm}$ FP $\geq 150 \text{ rpm}$
Scratch Resistance	EN 438-2 section 25 VGS , VGP	Min. 2 N
Crack Resistance	EN 438-2 section 23 VGS , VGP	Min. 4 N
Resistance to Staining	EN 438-2 section 26 VGS , VGP Group 1 + 2 Group 3	Min. level 5 Min. level 4
Resistance to Dry Heat at 180°C	EN 438-2 section 16 VGS , VGP Glossy Surface Regular Surface	Min. level 3 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 Glossy Surface Finish Other Surface Finish	Min. level 3 Min. level 4

S-Flex Technical Data Sheet (1) :

Characteristics	Test Method	Required Value
Thickness	EN 438-2 Small Ball section 20 VGS , VGP	Min. 15 N
	Big Ball section 21 VGS , VGP	Ball Drop Height Min. 600 mm Indent Diametre Max. 10 mm
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 t2 – t1 (Sec)	
	Nominal Thickness < 0.8 mm Nominal Thickness ≥ 0.8 mm	≥ 10 ≥ 15

Remarks :

@ VGS = Vertical Grade Standard Laminate

@ VGP = Vertical Grade Post Forming Laminate