


















HALEAD Loose lay

Technical Specification

Performance Attribute	Standard	Result
 Total Thickness	ISO 24346	4.0–5.0mm
Edge Straightness	EN427	≤0.15mm
Squareness	EN427	≤0.15mm
 Surface treatment	/	PUR
 Curling 80°C/6H	EN 434/ISO 23999	≤1.0mm
 Dimensional Stability (Shrinking 80°C/6H)	EN 434/ISO 23999	≤0.10%
 Residual Indentation	ISO 24343–1	0.10mm
	ASTM F1914	≤8%
 Slip Resistance	DIN 51130	R10
 Coefficient of Static Friction	ASTM D2047	Dry State ≥0.4
		Wet State ≥0.5
 Martindale Abrasion	ASTM D4060	≥MSRB ₂
 Scratch Resistance	ISO1518	≥2500g
 Boiling Water 100°C/2H	EN438–2	No bubble, no delamination
 Light fastness	ISO 105–B02	≥Grade 6
 Acoustic	ASTME 2179	IIC 45 ΔIIC 18
 Thermal Cycle 23°C–5°C–50°C	/	23°C–5°C ≤0.10%
		23°C–50°C ≤0.10%
 Fire Resistant Classification	EN 13501–1	Bfl–s1
Resistance to staining and chemicals	EN ISO 26987:2012	Class 0
 Toxic Elements Analysis	EN71–3	Pass
 Phthalates Test	CPSC–CH–C1001–09.4	Pass
 Environmental	French VOC regulation (ISO 1600)	A+