

TECHNICAL DATA SHEET*

NAME/MODEL	model AUTO
COLOR	9/1 BLACK
BACKING	POLYCOTTON
TOP	SYNTHETIC POLYMERS (PVC / PU)
WIDTH	145 cm $\pm$ 2 cm
THICKNESS	1,00 mm $\pm$ 0,05 mm
WEIGHT	550 g/m ² $\pm$ 20 g/m ²

Tear power PN-EN ISO 1421-2001	longitudinal	569 +/- 13 [N]	UTM Instron 1115
	across	279 +/- 7 [N]	
Elongation PN-EN ISO 1421-2001	longitudinal	69 +/- 7 [%]	UTM Instron 1115
	across	116 +/- 3 [%]	
Tearing strength PN-EN ISO 4674-1;2004	longitudinal	77 +/- 8 [N]	UTM Instron 1115
	across	67 +/- 5 [N]	
Determination of resistance to damage by flexing PN-EN ISO 7854:2002	longitudinal	0 - changes	Method A – method De Mattia
	across	0 - changes	
Abrasion resistance PN-EN ISO 12947-2:2000 + AC:2006 acc. to Martindale tester	-	Min. 100000 cycles	Abrasion fabric – wool; Pressure – 12 kPa Evaluation criterion: colours changes & top layer condition
Coating adhesion PN-EN ISO 2411:2017-11	longitudinal	76 ± 5	
	across	79 ± 10	
Colour fastness to dry abrasion PN-EN ISO 105-X12:2016-08 Colour fastness to wet abrasion PN-EN ISO 105-X12:2016-08 Colour fastness to UV radiation PN-EN ISO 105-B02: 2006 Methode 2	longitudinal	4	Temp.: 20±2°C Humidity RH: 65±2% Time: 4 h
	across	4	
	longitudinal	4-5	
	across	4-5	
	7	Test condition: wave length: 300-400 nm, temp. BST 50°C, humidity 50%, temp. inside a testing chamber 30°C. Device Multilight chamber, light D65	
Artificial light resistance PN-EN ISO 105-B04:1999 Method 2	7-8	Test condition: wave length: 380-750 nm, filters: 6IR + 1UV, temp. BST 47 +/- 3°C, spray – 1 min, drying – 29 min, temp. inside a testing chamber 40°C. Device Multilight chamber, light D65	
Polycyclic Aromatic Hydrocarbons (PAH's) content for REACH	Not detected	SGS in house test method CTSI-SOP-RSTS-CHEM-232-1 (based on AfPS GS 2014:01 PAK) – analysis by GC-MS	
Free formaldehyde in textiles ISO 14184-1:2011	Not detected	Water extraction method	
Formaldehyde Release ISO 14184-2:2011	Not detected	Analysis by UV-VIS spectrophotometer	
Determination of total cadmium & lead content	Cadmium < 2.00 [mg/kg]		Lead < 10.00 [mg/kg]
Phthalates content (LEATHER INSTITUTE) Testing procedure PB-3.1	It is confirmed no content of toxic phthalates (BBP, DBP, DEHP, DINP, DIDP, DNOP) acc. to REACH directive 76/769/EEC, Annex XVII)		
Halogen free	YES		
Hygienic Certificate (National Health Institute)	 Application: furniture upholstery including medical and rehabilitation upholstery and dental units		