



Hemp rope Texture



Leather Texture



Tri-line Texture



Dot Texture



Lychee Texture

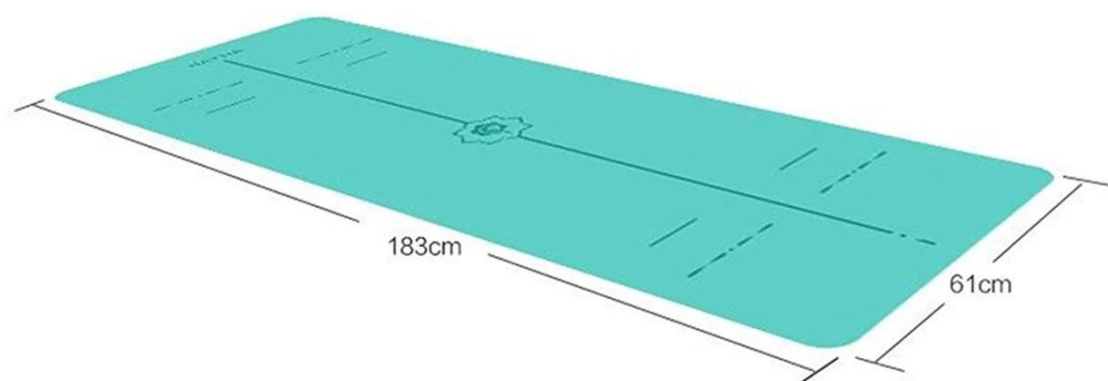
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Snowflake

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Comparison of different material for yoga mat

Material Property	Rubber	PVC	EVA/PE (Market product)	PU	Komat 100% TPE
Cell Structure	Open	Close	Close	Open	Close
Density	0.4 – 0.5	0.1	0.1	0.1	0.1
Smell	Smell of sulfur	Smell of Plasticizer	Smell of Ammonia	Odorless	Odorless
Elasticity	Good	Fair	Poor	Fair	Excellent
Recyclability	Poor	Poor	Poor	Poor	Excellent
Cold Resistance	Excellent	Poor	Poor	Poor	Excellent (-40 °C)
Color Multiplicity	Poor	Good	Good	Good	Excellent
Degradibility	Good	Poor	Poor	Good	Excellent
Heavy Metal content	No	Yes	No	No	No
Secondary Sizing operation	Poor	Good	Good	Poor	Good
Surface Smoothness	Rough	Smooth	Smooth	Smooth	Smooth
Ease of applying pose production	Poor	Good	Good	Poor	Good
Hardness (Asker C)	> 50	> 30	> 35	< 15	10 – 30 (customizable)
Aging test	Poor	Poor	Good	Poor	Good
Low Temp. Performance	Good	Poor	Good	Poor	Excellent

Material	Institution	Inspection item	Standard	Result	Report number
EVA foam	SGS	Formamide (2ppm)	French decree of July 20 2011 CNS 15493	Pass	CY_2012_30925A
		PAHs	CNS 3478	Pass	UG_2012_B0128A01
		Azo	CNS 15205	Pass	UG_2012_B0128A01
		Heavy metal	ASTM F963-11	Pass	UG_2012_B0128A01
		Phthalates	CNS 15138	Pass	UG_2012_B0128A01
		Formaldehyde emission	CNS 1349	Pass	UG_2012_B0128A01
		flammability	UL94	Pass	HL40344_2015
TPE foam	SGS	Plasticizer	CNS 15138	Pass	UG_2014_70199
		Heavy metal	CNS 15493	Pass	UG_2014_70199
		Tear strength of dual-layer mat		OK	TV-15-00173X
	foot wear & recreation research institution	Hydrolysis	5% NaOH, 23C, 24Hrs	Pass	485464923606-A01

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