

Staple Fiber Needle Punched Geotextile

Geosynthetic Product Specification

Product overview

Technical specifications for Staple Fiber Needle Punched Geotextile, organized by the product codes, source specification columns or product types listed in the available product data.

TECHNICAL SPECIFICATIONS

Grade specifications / MJY10, MJY15, MJY20, MJY25

Property	Unit	MJY10	MJY15	MJY20	MJY25
Weight	g/m2	100	150	200	250
Weight Variation	%	-8	-8	-8	-8
Thickness	mm	0.9	1.3	1.7	2.1
Break Strength	KN/m	2.5	4.5	6.5	8
Tear Strength ≥	kN	≥0.08	≥0.12	≥0.16	≥0.2

Grade specifications / MJY30, MJY35, MJY40, MJY45

Property	Unit	MJY30	MJY35	MJY40	MJY45
Weight	g/m2	300	350	400	450
Weight Variation	%	-7	-7	-7	-7
Thickness	mm	2.4	2.7	3	3.3
Break Strength	KN/m	9.5	11	12.5	14
Tear Strength $\geq$	kN	≥ 0.24	≥ 0.28	≥ 0.33	≥ 0.38
Sieve Size 090	mm	0.07-0.20	0.07-0.20	0.07-0.20	Not stated

Grade specifications / MJY50, MJY60, MJY80

Property	Unit	MJY50	MJY60	MJY80
Weight	g/m2	500	600	800
Weight Variation	%	-6	-6	-6
Thickness	mm	3.6	4.1	5
Break Strength	KN/m	16	19	25
Tear Strength $\geq$	kN	≥ 0.42	≥ 0.46	≥ 0.6

Not stated indicates that a value is not provided in this sheet.

Technical disclaimer

Specifications shown in this document are based on the available product data for the listed grade or series. Final specifications, dimensions and documentation should be confirmed according to the selected product and project requirements.