

PP Woven Geotextile

Geosynthetic Product Specification

Technical specifications for PP Woven Geotextile, including available product grades and stated parameters.

TECHNICAL SPECIFICATIONS

Grade specifications / BTW20-15, BTW30-22, BTW40-28, BTW50-35

Property	Unit	BTW20-15	BTW30-22	BTW40-28	BTW50-35
Break Strength at MD	kN/m	20	30	40	50
Break Strength at CD	kN/m	15	22	28	35
Trapezoid Tear Strength ≥	KN	≥0.2	≥0.27	≥0.34	≥0.41
CBR Burst Strength ≥	kN	≥1.6	≥2.4	≥3.2	≥4
Unit Weight	g/m2	120	160	200	240

Grade specifications / BTW60-42, BTW80-56, BTW100-70

Property	Unit	BTW60-42	BTW80-56	BTW100-70
Break Strength at MD	kN/m	60	80	100
Break Strength at CD	kN/m	42	56	70
Trapezoid Tear Strength ≥	KN	≥0.48	≥0.6	≥0.72
CBR Burst Strength ≥	kN	≥4.8	≥6	≥7.5
Unit Weight	g/m2	280	340	400

Grade specifications / shared values for all listed grades

Property	Unit	Specification / Value
Break Elongation ≤	%	≤25
Vertical Permeability Coefficient	cm/s	10 ⁻¹ -10 ⁻³
Sieve Size (095)	mm	0.08-0.5
Variation	%	±6

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.