



BASALT FABRIC SPECIFICATION SHEET

BCW

SPECIFICATIONS	BCW-195	BCW-350	BCW-380	BCW-960	BCU-200	BCU-300
Weave type	Plain	Plain	Plain	Plain	UD	UD
Elementary fiber	7 μ , 95 tex	13 μ , 350 tex	13 μ , 300 tex	13 μ , 800 tex	13 μ , 800 tex	13 μ , 800 tex
Number of threads/inch:						
warp	approx. 24	12.5	15	15.3	N/A	N/A
weft	approx. 24	12.5	15	12.7	9	13
Surface density (g/m ²)	195	350	380	960	200	300
Width (cm)	120	100	100	100	60	60
Thickness (mm)	0.18	0.3	0.3	0.67-0.68	0.2	0.2

IND. FIBER SPECIFICATIONS	VALUES
Density (g/cm ³)	2.8
Tensile strength (MPa)	4,400-4,800
Modulus of Elasticity (GPA)	90-110
Elongation at break (%)	3.1
Max. service temperature (°C)	650

KEY FEATURES:

- 1) Elementary filament is a roving.
- 2) UV stability is equal to or higher than 6.
- 3) Melting point is higher than 1250 °C.
- 4) Excellent electrical, sound, and thermal insulation.
- 5) Excellent electromagnetic wave absorption.
- 6) Excellent resistance to radiation.
- 7) High chemical resistance to acids and alkalis.
- 8) Low moisture absorption.

Available Quantities: 30,000m²/month

For more information, please email us at: sales@fibresunlimited.com