



# SPECIFICATION SHEET

## GCL

Item	Specification	
	GCL-GT 4000	GCL-GT 5000
GCL, Mass/Unit area (g/m <sup>2</sup> )	≥4000	≥5000
Mass/Unit area, Cover non woven (g/m <sup>2</sup> )	≥200	≥300
Mass/Unit area, Bentonite (g/m <sup>2</sup> )	≥3650	≥4650
Mass/Unit area, carrier woven (g/m <sup>2</sup> )	≥150	≥150
Swell index (ml/2g)	≥24	≥24
Tensile Strength (N)	≥400	≥400
Elongation at max load (%)	≥20	≥20
Peel Strength (N/10cm)	≥40	≥40
Permeability (cm/s)	≤2x10 <sup>-11</sup>	≤2x10 <sup>-11</sup>
Fluid loss (ml)	≤18	≤18
Thickness (mm)	≥5	≥6

