

## Geotextile-Geomembrane Composites

### One Layer of Geomembrane and One Layer of Geotextile

PROPERTY	VALUE							
<b>Nominal breaking strength (kN/m)</b>	<b>5</b>	<b>7.5</b>	<b>10</b>	<b>12</b>	<b>14</b>	<b>16</b>	<b>18</b>	<b>20</b>
<b>Breaking strength* (kN/m)</b>	5.0	7.5	10.0	12.0	14.0	16.0	18.0	20.0
<b>Elongation at break (%)</b>	30 ~ 100							
<b>CBR bursting strength (kN)</b>	1.1	1.5	1.9	2.2	2.5	2.8	3.0	3.2
<b>Tear strength* (kN)</b>	0.15	0.25	0.32	0.40	0.48	0.56	0.62	0.70
<b>Peel strength* (N/cm)</b>	6							
<b>Width deviation (%)</b>	-1.0							

Thickness	<b>0.2</b>	<b>0.3</b>	<b>0.4</b>	<b>0.5</b>	<b>0.6</b>	<b>0.7</b>	<b>0.8</b>	<b>1.0</b>
<b>Hydrostatic pressure* (MPa)</b>	0.4	0.5	0.6	0.8	1.0	1.2	1.4	1.6

Note:

\* Minimum average value.

## Geocomposites

### One Layer of Geomembrane and Two Layers of Geotextile

PROPERTY	VALUE							
<b>Nominal breaking strength (kN/m)</b>	<b>5</b>	<b>7.5</b>	<b>10</b>	<b>12</b>	<b>14</b>	<b>16</b>	<b>18</b>	<b>20</b>
<b>Breaking strength* (kN/m)</b>	5.0	7.5	10.0	12.0	14.0	16.0	18.0	20.0
<b>Elongation at break (%)</b>	30 ~ 100							
<b>CBR bursting strength* (kN)</b>	1.1	1.5	1.9	2.2	2.5	2.8	3.0	3.2
<b>Tear strength* (kN)</b>	0.15	0.25	0.32	0.40	0.48	0.56	0.62	0.70
<b>Peel strength* (N/cm)</b>	6							
<b>Width deviation (%)</b>	-1.0							

Thickness	<b>0.2</b>	<b>0.3</b>	<b>0.4</b>	<b>0.5</b>	<b>0.6</b>	<b>0.7</b>	<b>0.8</b>	<b>1.0</b>
<b>Hydrostatic pressure* (MPa)</b>	0.5	0.5	0.8	1.0	1.2	1.4	1.6	1.8

Note:

\* Minimum average value.