



### 1. Definition

Our drainage geocomposite consists of geonet made from HDPE resin with non-woven PP or PET geotextile heat bonded on both sides . It is ideal for : erosion control, foundation wall drainage, landfill leachate etc.

### 2. Specification

|               | Properties               | Test method   | Unit                | DNC203               |
|---------------|--------------------------|---------------|---------------------|----------------------|
| Geo composite | Hydraulic Transmissivity | ASTM D4716    | m <sup>2</sup> /sec | 2x10 <sup>-4</sup>   |
|               | Ply adhesion             | ASTM D7005-03 | N/m                 | 180                  |
| Geonet        | Thickness                | ASTM D5199    | mm                  | 6.5                  |
|               | Polymer density          | ASTM D1505    | g/cm <sup>3</sup>   | 0.94                 |
|               | Carbon black content     | ASTM D1603    | % by weight         | 2                    |
|               | Hydraulic Transmissivity | ASTM D4716    | m <sup>2</sup> /sec | 2.5x10 <sup>-3</sup> |
|               | Tensile strength         | ASTM D7179    | N/mm                | 8.9                  |
| Geotextile    | Weight(approx.)          | ASTM D5261    | g/m <sup>2</sup>    | 200                  |
|               | Grab tensile strength    | ASTM D4632    | N                   | 708                  |
|               | Elongation               | ASTM D4632    | %                   | 50                   |
|               | CBR puncture strength    | ASTM D6241    | N                   | 1,980                |
|               | Permitivity              | ASTM D4491    | sec <sup>-1</sup>   | 1.6                  |
|               | Roll width               | -             | m                   | 4.1                  |
|               | Roll length              | -             | m                   | 30                   |
|               | Roll area                | -             | m <sup>2</sup>      | 123                  |

The information contained herein is , to the best of our knowledge , accurate in all material respects