

# TOP tapes®

semi-conductive waterblocking nonwoven tape

## TTO C212

### Composition

- PES nonwoven fabric
- Carbon black semi – conductive impregnation
- Polyacrylate swelling powder

| PROPERTY                               | TEST METHOD | VALUE             | UNIT             |
|----------------------------------------|-------------|-------------------|------------------|
| Weight                                 | ISO 9073/1  | 120 ± 20          | g/m <sup>2</sup> |
| Thickness                              | ISO 9073/2  | 0.30 ± 0.05       | mm               |
| Tensile strength                       | ISO 9073/3  | ≥ 32              | N/cm             |
| Elongation                             | ISO 9073/3  | ≥ 10              | %                |
| Swelling speed                         | TTO method  | ≥ 9               | mm/1.min         |
| Swelling height                        | TTO method  | ≥ 12              | mm/3.min         |
| Surface resistance                     | DIN 54345   | < 1500            | Ohm/□            |
| Volume resistance                      | DIN 54345   | < 10 <sup>6</sup> | Ohm.cm           |
| Short term stability                   | TTO method  | 230               | °C               |
| Long term stability                    | IEC 216     | 90                | °C               |
| Moisture content<br>23±2°C, 50±4% R.H. | TTO method  | < 10              | %                |

The figures shown above are typical value and should not be used as the basis of specification.