

Semi-conductive Laminated Water-blocking Foam Tape

Composition: Semi-conductive polyester non-woven fabric; semi-conductive polyester foam; semi-conductive tackifier; polyacrylate swelling resin

Application: Water-blocking, bedding and shielding for power cable; no causticity.

| Property | Test Method | Unit | MHBHZD200 |
|----------------------|----------------------|------------------|----------------------|
| Mass per unit area | ISO9073-1 | g/m ² | 280 ± 40 |
| Thickness | ISO9073-2 | mm | 2.0 ± 0.6 |
| Tensile strength | ISO9073-3 | N/cm | ≥40 |
| Elongation | ISO9073-3 | % | ≥12 |
| Swelling speed | SUPPLIER TEST METHOD | mm/min | ≥8 |
| Swelling height | SUPPLIER TEST METHOD | mm/3min | ≥12 |
| Surface resistivity | DINIEC 167 | Ω | <1500 |
| Volume resistivity | DIN54345 | Ω.cm | <1 x 10 ⁶ |
| Short term stability | SUPPLIER TEST METHOD | °C | 230 |
| Long term stability | SUPPLIER TEST METHOD | °C | 90 |
| Moisture content | SUPPLIER TEST METHOD | % | ≤9 |

Regarding the above property and index, various products can be produced according to the customer requirement.