

TOP tapes®

semi-conductive waterblocking nonwoven fabric
半导电阻水带

TTO C 2104K

Composition 成分:

- PES nonwoven fabric 无纺布
- Carbon black semi – conductive impregnation 炭液
- Polyacrylate swelling powder 高分子吸水树脂

PROPERTY 技术参数	TEST METHOD 测试方法	VALUE 要求数值	UNIT 单位
Weight 重量	ISO 9073/1	140± 30	g/m ²
Thickness 厚度	ISO 9073/2	0.40- 0.45	mm
Tensile strength 断裂拉伸力	ISO 9073/3	≥ 45	N/cm
Elongation 伸长率	ISO 9073/3	≥ 10	%
Surface resistance 表面电阻	DIN 54345	< 1500	Ohm/□
Volume resistance 体积电阻	DIN 54345	< 10 ⁶	Ohm.cm
Swelling speed 膨胀速度	TTO method	≥8	mm/1.min
Swelling height 膨胀高度	TTO method	≥ 10	mm/3.min
Short term stability 短期稳定性	TTO method	230	°C
Long term stability 长期稳定性	IEC 216	90	°C
Moisture content 含水量 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.