

BCT60



透明特种电气绝缘膜-高 CTI 值

Transparent Special Electrical Insulation Film-High CTI Value

本产品为透明的聚酯薄膜。具备优异的电气绝缘性能和长期耐温性，且 CTI 值（相比漏电起痕指数）高，适用于户外或高湿度环境下的绝缘保护。

产品特性

- 透明
- 膜面平整，加工性能好
- 优异的电气绝缘性能
- 长期耐温性好
- CTI 值 550V~600V

产品应用

- 电池模组绝缘垫片
- 充电桩绝缘胶带基膜
- 电池组绝缘胶带基膜

产品性能

测试项目		单位	典型值					测试方法
厚度		μm	25	50	75	125	250	GB/T 6672
击穿电压		kv	4.5	6.5	8.0	10	15	GB/T 13542.2
透光率		%	85	82	80	80	80	GB/T 2410
雾度		%	4.0	6.0	8.0	9.0	12.0	GB/T 2410
拉伸强度	MD	Mpa	170	165	160	155	150	GB/T 1040.3
	TD	Mpa	210	200	190	180	170	GB/T 1040.3
断裂伸长率	MD	%	115	115	115	120	120	GB/T 1040.3
	TD	%	100	100	100	100	100	GB/T 1040.3
热收缩率 150°C@30min	MD	%	2.0	1.5	1.5	1.2	1.0	GB/T 1040.3
	TD	%	0.1	0.1	0.1	0.1	0.1	GB/T 1040.3

1、以上测试结果是基于我们对该测试方法的理解，并结合我们的测试设备的实际情况和测试条件，得出的典型值，不能理解为产品的保证值。The above test results are based on our understanding of the testing method, combined with the actual conditions of our testing equipment, and represent typical values; they should not be interpreted as guaranteed values for the product

2、MD：纵向；TD：横向。MD: Machine Direction; TD: Transverse Direction

3、使用前请参见 MSDS 表 (Material Safety Data Sheet)。 Please refer to the MSDS (Material Safety Data Sheet) before use.

宝智兴(广东)薄膜科技有限公司
广东省东莞市松山湖园区总部三路 2 号 5 栋 2412 室

BCT60



透明特种电气绝缘膜-高 CTI 值

Transparent Special Electrical Insulation Film-High CTI Value

This product is a transparent polyester film. It has excellent electrical insulation properties and long-term heat resistance, with a high CTI value (Comparative Tracking Index), making it suitable for insulation protection in outdoor or high-humidity environments.

Features

- Transparent
- Smooth film surface, good processing performance
- Excellent electrical insulation properties
- Good long-term heat resistance
- CTI value 550V~600V

Application

- Battery module insulation gasket
- Charging pile insulation tape base film
- Battery pack insulation tape base film

Performance

Items		Unit	Typical Value					Test Method
Thickness		μm	25	50	75	125	250	GB/T 6672
Breakdown voltage		kv	4.5	6.5	8.0	10	15	GB/T 13542.2
Light Transmittance		%	85	82	80	80	80	GB/T 2410
Haze		%	4.0	6.0	8.0	9.0	12.0	GB/T 2410
Tensile strength	MD	Mpa	170	165	160	155	150	GB/T 1040.3
	TD	Mpa	210	200	190	180	170	GB/T 1040.3
Elongation at break	MD	%	115	115	115	120	120	GB/T 1040.3
	TD	%	100	100	100	100	100	GB/T 1040.3
Thermal shrinkage 150°C@30min	MD	%	2.0	1.5	1.5	1.2	1.0	GB/T 1040.3
	TD	%	0.1	0.1	0.1	0.1	0.1	GB/T 1040.3

1、以上测试结果是基于我们对该测试方法的理解，并结合我们的测试设备的实际情况和测试条件，得出的典型值，不能理解为产品的保证值。The above test results are based on our understanding of the testing method, combined with the actual conditions of our testing equipment, and represent typical values; they should not be interpreted as guaranteed values for the product

2、MD：纵向；TD：横向。MD: Machine Direction; TD: Transverse Direction

3、使用前请参见 MSDS 表 (Material Safety Data Sheet)。 Please refer to the MSDS (Material Safety Data Sheet) before use.