

Polyimide Black Film (TY6051B PI)



TY6051B black polyimide film has the good property of high temperature resistance, radiation resistance, chemical performance stability. In addition, it also has very excellent property of mechanism, conduction and shield of hertzian waves. It is ideal material for high temperature adhesive tape, black high temperature resistance labels and black cover film, etc. Thickness of 25 μm to 150μm is available now.

1. Technical Data

NO.	Item	Unit	Typical value	Techical Requirements
1	Appearance	-	-	Film should be smooth and without any defects such as wrinkles, tears, gels, blisters, bubbles, pinholes and foreign impurities.
2	Width	Mm	520	Width :>102 tolerance:1.6
3	Thickness	Mm	0.024(±0.001)	Thickness:0.025T olearnce:+0.004/ -0.003
4	Tensile	Mpa	162 126	Longitudinal:≥16 2 Transverse:≥100
5	Elongiton	%	38 47	Longitudinal:≥25 Transverse:≥30
6	Dielectric Strength	Mv/m	100	Avvrage value≥60
7	Surface resistance rate	Ω	1.7*10 ¹⁰	≥1.0*10 ⁹

2.Application:

The product processes good performance of shading.It is ideal material for black high temperature adhesive tape,black high temperature resistance labels and black cover film,etc.