

DIALAMY[®]

•特性

1. 喷涂、层压、切割、弯曲、冲孔和其他操作几乎与普通聚酯薄膜一样容易。
2. 与普通聚酯薄膜具有相同的耐热性、物理特性、电子特性和化学耐性。
3. 多种厚度 (40 μ m~500 μ m)。
4. 使用非 PBB、非PBDE难燃剂。

•应用

1. 电气零部件
2. 电气绝缘板
 - 200 μ m~500 μ m: 马达、变速箱、开关可选电源、复印机
3. 电路板
 - 100 μ m~200 μ m: 扁平加热器的基片
 - 70 μ m~130 μ m: 薄膜开关基片

•规格

厚度 (μ m)	卷		板		
	宽度 (mm)	长度 (m)	尺寸		片数
			宽度 (mm)	长度(mm)	
40	500	100	/	/	/
	1000	100			
50	500	100	1000	500	200
	1000	100			
70	500	100	1000	500	200
	1000	100			
100	500	100	1000	500	100
	1000	100			
130	500	100	1000	500	100
	1000	100			
200	500	100	1000	500	100
	1000	100			
270	500	100	1000	500	100
	1000	100			
340	500	50	1000	500	50
400	500	50	1000	500	50
500	500	50	1000	500	50

有关其他尺寸和颜色，请向我们咨询。

•特性

Dialamy (厚度: 100μm)

	测试项目		单位	数据	测试方法
物理特性	抗拉强度	MD	kgf/mm ² {Pa}	16{15.7×10 ³ }	JIS C2318
		TD		16{15.7×10 ³ }	
	伸长率	MD	%	110	
		TD		100	
	边缘撕裂	MD	kgf/20 mm	51{500}	
	耐性	TD	{N/20 mm}	58{568}	
	抗弯强度	MD	—	37000	JIS P8115
	TD	39000			
	吸水性		%	0.7	ASTMD570
电气特性	介电击穿电压		kV	13.6	JIS C2318
	介电常数	1KHz	—	3.8	
		1MHz		3.0	
	介电	1KHz	—	4×10 ⁻²	
	损耗	1MHz		3×10 ⁻²	
表面电阻		Ω·cm	4×10 ¹⁵		
热特性	热收缩	MD	%	1.4	ASTDMD696
		TD		-0.2	
	热膨胀系数		cm/cm/°C	3×10 ⁻⁵	
	难燃性	—	—	VTM-0	
氧气数		—	28	JIS K7201	
光学特性	光透射		%	46	JIS K7105
	薄雾		%	95	
化学特性	弱酸・弱碱: 良好 浓硫酸、浓盐酸: 不好 乙醇和碳氢化合物: 良好 油类和脂肪: 良好 酮、酯、氯化物: 良好 苯酚: 不好				

上述值为典型值, 而非保证值。

•Important Safeguards

Directions for safe use is prepared for the purpose of maintaining the safety of customers and your clients and property. The products carrying warning and caution, read following details.



If this product is mishandled in defiance of this sign, you may have a risk of death or serious injury.

- Absolutely do not implant, insert in the body.
- Never use for any applications for which the material will be left in the body.
- In case of using for medical devices, foodstuff, other special purpose applications, please test and make certain that you can do so safely.



If this product is mishandled in defiance of this sign, you may have a risk of serious injury and property damage.

- During forming and carrying, wear proper protective equipment to prevent possible injury to hands and fingers.
- Don't use for foodstuff.
- Avoid inhaling of bromine containing smoke generated by burning Dialamy film with other combustible material.
- Avoid areas that are wet or hot and humid or place of direct sunlight. Storage in a cool and dark place.
- Dispose of the scrap as incombustible waste material.