

Aldrich Single Layer Graphene on PET

Category : Carbon , Polymer , Film , Thermoplastic , Polyester , TP , Polyethylene Terephthalate (PET)

Material Notes:

PET film base with graphene coating; uniform film and excellent thickness consistency. Its transparency combined with electrical conductivity allows it use in many niche applications.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aldrich-Single-Layer-Graphene-on-PET.php

Physical Properties	Metric	English	Comments
Thickness	188 microns	7.40 mil	PET

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	132 %	132 %	
Film Elongation at Break, TD	99 %	99 %	
Coefficient of Friction, Dynamic	0.4	0.4	
Coefficient of Friction, Static	0.46	0.46	
Film Tensile Strength at Break, MD	179 MPa	26000 psi	
Film Tensile Strength at Break, TD	197 MPa	28600 psi	

Optical Properties	Metric	English	Comments
Haze	0.90 %	0.90 %	PET
Transmission, Visible	92 %	92 %	PET
	>= 95 %	>= 95 %	Graphene

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	500 ohm	500 ohm	Graphene

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China