



Smartet Technology Development Co.,Ltd

SuHua Medical Material Manufacture Co.,Ltd

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Perfwipe ESD Tweezer Specification

Description

It is made of high strength synthetic carbon fiber plastic, they are compatible for cleanroom and suitable for chemical processing.

It has good flexibility, is easy to use, and discharges static electricity.

It is suitable for the processing and installation of static-sensitive components

Its surface resistance ranges from $10^5 \sim 10^9 \Omega$

Light weight, strong and sturdy, non corrosive

Features & Benefits

Many options for different tips, flat, sharp all available

Excellent chemical resistance to most acids, and solvents

High purity clean room compatible

Product name	ESD Plastic Tweezers	Material	ESD Plastic PP
Tweezers Size	8 types	Color	Black
Surface resistance	$10^5 \sim 10^9 \Omega$	Customizable	Yes
Surface treatment	Processed in high temperature and planting anti-static material	Can be made to order	

Performances:

Item	Unit	Result	Test Method
Melt index	g/10min	260°C	ASTM D1238
Density	g/cm ³	1.34	ASTM D792
Tensile strength	kgf/cm ²	1100	ASTM D638
Tensile elongation	%	12.0	ASTM D638
Flexural strength	kgf/cm ²	1600	ASTM D790
Flexural modulus	kgf/cm ²	69000	ASTM D790
Izod Notch impact strength (3.2mm)	kgf-cm/cm	8.0	ASTM D256
Thermal deformation temperature (1.82MPa)	°C	--	ASTM D648
Surface resistivity	Ω/sq	5.0E+04	ASTM D257
shrinking percentage	%	0.10	ASTM D955



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Code	93301	93302	93303	93304	93305	93306	93307	93308
Length (mm)	117	122	117	120	123	115	114	117
Weight (g)	4	5	5	4	6	5	4	4

Order Information

Code	Size (mm)	Packaging
SSESDTW-93301	117	100pcs/bag 10bag/case
SSESDTW-93302	122	100pcs/bag 10bag/case
SSESDTW-93303	117	100pcs/bag 10bag/case
SSESDTW-93304	120	100pcs/bag 10bag/case
SSESDTW-93305	123	100pcs/bag 10bag/case
SSESDTW-93306	115	100pcs/bag 10bag/case
SSESDTW-93307	114	100pcs/bag 10bag/case
SSESDTW-93308	117	100pcs/bag 10bag/case

Note: The data in this table represent typical analyses of these wipers at the time of publication.

These are not specifications Smartet continually refines both its processes and its products.