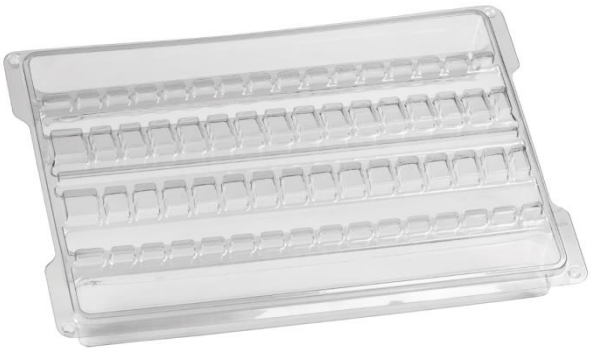
EUROSTAT
A MEMBER OF DOU YEE

Clear-STAT®



Transparent dissipative material made of Amorphous PolyEthylene Terephtalate (APET), particularly tailored to the need of more reliable ESD materials in a variety of applications such as semiconductor, LCD module tray caps and all ionic contamination sensitive applications.

Carbon nanotubes fillers confer a surface resistance Rpp < 1x106 and a transparency perfect for blister packing of products sensitive to surface defects (scratches, dust…); ideal for barcode identification scanning…

Thickness available: 0.6 mm, 0.8 mm, 1.2mm,
Other thickness on request.

Product Specification

Colour:	Transparent
Standard Thickness:	0.8mm
	Other thickness gauge available upon project definition

Electrical Properties

	Test standard	Results
Surface resistance Rpp	IEC 61340-5-1	Rpp ≤ 2 x 10^6 Ω
Volume Resistance Rv	IEC 61340-2-3	Rv ≤ 3 x 10^8 Ω
Static Decay Time Dt	IEC 61340-5-1 IEC 61340-2-1	+1000V / +100V = 0.1 sec -1000V / -100V = 0.1 sec

Material Properties

	Test Method	Unit	Values
Physical			
Specific Gravity	ASTM D 792	-	1.34
Mechanical			
Tensile Strength	ASTM D 638	kgf/mm²	6.1
Elongation	ASTM D 638	%	380
Izod Impact Strength	ASTM D 256	Kg.cm/cm	3.8
Flexural Modulus	ASTM D 790	kgf/mm²	221
Thermal			
Vicat Softening	ASTM D 1525	°C	75
Heat Distortion	ASTM D 648	°C	70
Dimensional			
Available Thickness (*Other on request.)*	ICQQ509	mm	0.6 - 1.2