

BLACK A-PET

APET offers a wide range of advantages for thin gauge vacuum formed trays, thanks to a high rigidity and a very dense surface providing a shiny surface.

Eurostat black conductive APET offers an adequate material for the vacuum forming of ESD protective trays combining the strength of APET material.

Product Specifications

Colour: Black coating
Standard Thicknesses: 0.6, 0.8 and 1mm



Electrical Properties

	Test standard	Results
Surface resistance Rs	IEC 61340-5-1	$R_s < 7 \times 10^{10} \Omega$
Static Decay Time Dt	IEC 61340-5-1	+1000V / +100V < 10 sec
	IEC 61340-2-1	-1000V / -100V < 10 sec

Material Properties

	Test Method			Unit	Value
	ISO	DIN	ASTM		
Specific Weight	1183	53479	D-792	g/cm ³	1.34
Traction					
Elastic Modulus (1 mm/min)	527		D-882	N/mm ²	> 1700
Elongation at Yield (50 mm/min)	527		D-882	%	> 3,8
Izod Impact Strength	527		D-882	N/mm ²	50 / 55
Thermal Properties					
Glass Transition Temperature (Resin)			D-3418	°C	78
Maximun Utilization Temperature				°C	65