

DIE AND SAMPLE STORAGE TRAYS MATERIALS AND PROPERTIES

Product Numbers: 460-200SD, 139-500, 139-501, 139-502, 139-510, 139-511

DESCRIPTION

Our sample trays are comprised of several parts manufactured from a range of materials. Please consult the tables below for specific information for each product and type of material used.

Table 1. Product Number and Materials

Product #	Size	Compartments	Base	Clip	Lid
460-200SD	2x2"	100	Polypropylene with carbon powder and glass bead	Natural polypropylene	Antistatic PMMA
139-500	2x2"	49	Polypropylene with carbon powder and glass bead	Natural polypropylene	Antistatic PMMA
139-501	2x2"	25	Polypropylene with carbon powder and glass bead	Natural polypropylene	Antistatic PMMA
139-502	2x2"	9	Polycarbonate with carbon powder	Natural polypropylene	Antistatic PMMA
139-510	4x4"	25	Polycarbonate with carbon powder	Polypropylene with carbon powder	Antistatic PMMA
139-511	4x4"	9	Polycarbonate with carbon powder	Polypropylene with carbon powder	Antistatic PMMA

Table 2. Material Properties

Material	Color	Static Protective	Surface Resistivity (Ω /sq)	Static Decay Time (sec.)	Temperature Limit
Antistatic PMMA	Transparent	Yes	10^{12}	<0.04	70°C
Natural polypropylene	Transparent	No	NA	NA	70°C
Polycarbonate with carbon powder	Black	Yes	$10^3 - 10^6$	<0.01	70°C
Polypropylene with carbon powder	Black	Yes	$10^3 - 10^6$	<0.01	70°C
Polypropylene with carbon powder and glass bead	Black	Yes	$10^1 - 10^5$	<0.01	70°C