

## Description

ESD201 (NEMA G-10 Anti-static) is made by impregnated fiberglass cloth with thermal epoxy resin laminate conforming EPGC 201 acc. IEC 60893.

**Reinforcement:** Epoxy resin, Impregnated E-glass cloth.

## Application

ESD201 is applicable to electrical industry and anywhere commonly used anti-static property.

## Availability

Thickness: 0.2 mm ~ 80 mm, tolerances acc. to IEC 60893.

Dimension: 1020 x 1220 mm, 1220 x 2440 mm.

**Color:** Black.

## Specification Data Sheet

Properties/Items	Method	Unit	ESD201
Density	ISO 1183 / A	g/cm <sup>3</sup>	2.0
Water Absorption	ISO 62	%	0.2 max
Flexural strength	ISO 178	MPA	350 min.
Flexural modulus of elasticity	ISO 178	MPA	24000 min.
Tensile strength	ISO 527	MPA	300 min.
Compressive strength perpendicular	ISO 604	MPA	350 min.
Impact strength (Charpy) parallel	ISO 179/3C	kJ/m <sup>2</sup>	42 min.
Insulation resistance after immersion	IEC 60167 (in water)	MOhm	10 <sup>5</sup> min
Specific surface resistance	IEC 60093	Ω	10 <sup>5</sup> ~ 10 <sup>9</sup>
Thermal endurance	IEC 60216	°C	110
Flame Retardant	UL 94		HB

All information given here is based on test specimens 50 x 50 x 10 mm and on the results of experiments performed with all due care in the laboratories. It does not in any way reduce the responsibility of the user for carrying out further tests in order to ensure successful processing and use in specific applications.

RoHS Declaration: This material does not contain any substances of very high concern as listed in the EU directive 2011/65/EU, article 4, paragraph 1.