

**DESCRIPTION**

**EFR4 AS is an antistatic flame retardant epoxy material**, which has a surface resistivity of  $10^7$  to  $10^{10}$  ohms per square, and is suitable for use in test fixtures.

**CHARACTERISTICS**

This static dissipative laminate has a surface resistivity of  $10^7$  to  $10^{10}$  ohms per square.

This is available in both single sided EFR4AS S/S, double-sided EFR4 AS D/S and EFR4 AS through all layers of the laminate.

<b>SURFACE COLOUR</b>	Black
<b>CORE COLOUR</b>	EFR4 A/S Single Sided and Double Side – Translucent Green EFR4 A/S through all layers of the laminate – Black
<b>THICKNESS</b>	Thicknesses in the range of 0.25 mm to 20 mm are available on request.

GENERAL TESTS	UNITS	EFR4 AS	TEST METHOD
Relative Density	-	1.9	IEC 1183-A
Water Absorption	% 50x50x3mm	0.08	IEC62-1
Temperature Rating	°C	130	
Flammability	-	V-0	UL-94

MECHANICAL TESTS	UNITS	EFR4 AS	TEST METHOD
Flexural Strength (Lengthwise)	MPa	470	ISO178
Izod Impact Strength	KJ/m <sup>2</sup>	65	ISO180/2A
Tensile Strength	MPa	345	ISO527
Compressive Strength Flatwise	MPa	500	ISO604

ELECTRICAL TESTS	UNITS	EFR4 AS	TEST METHOD
Static Dissipative Laminate	Ω / sq.	$10^7 - 10^{10}$	EN61340

Environmental Compliance – RoHS compliant; REACH compliant

Quality System Approval – Certified ny NSAI to I.S.ENISO9001:2008