

## IMS Black XV501T-4 Solder Resist / Silkscreen

Solder resist/Silkscreen:	Imagecure XV501T-4
Manufacturer:	SunChemical® Circuits
Type:	CAWP2308
Colour:	Black

RoHS-Conform and "halogen free" (< 400ppm)

### Excerpt of the physical and chemical properties

	Test Standard	
Solder resistance	MILP55110 IPC SM840C	30 secs / 288°C
Resistance to HAL (Pb-free)		> 3 passes
Electroless Ni/Au plating		pass
Hydrolytic stability	IPC SM840C	pass
Abrasion pencil hardness	IPC SM840C	pass (7H)
Adhesion (Copper)	IPC SM840C	pass
Thermal shock	IPC SM840C MILP55110 MIL STD202E BS6096 Tests	pass

### Excerpt of the electrical properties

	Test Standard	
Bellcore	TR-NWT000078	pass
Insulation resistance	IPC SM840C, T & H	pass
Moisture & insulation resistance	IPC SM840C, T & H	pass
Elektromigration	IPC SM840C, T & H	pass
Comparative trackingindex CTI	DIN EN 60112 / IEC 112	375 - 400 V
E-Corrosion test IPC	IPC SM840C, H	pass
Dielectric strength (50 Hz)	IPC SM840C, T & H	120 kV/mm

Source: SunChemical® Circuits