



ELECTRONIC SOLDERS

TECHNICAL DATA SHEET

BOW 640 NON-ACTIVATED ROSIN FLUX

DESCRIPTION

Bow #640 are non-activated rosin fluxes, composed of pure water-white gum rosin and isopropyl alcohol. This flux meets all the requirements of Type R flux per MIL- F-14256D. It also meets J-STD -004 Type ROL0.

APPLICATION

BOW 640 can be used on all critical and sensitive electronic assemblies where flux residue removal is not feasible. These fluxes are recommended for use in tin stranded wire, component leads and touch-up work for printed circuits. They can also be used as solderability test fluxes for quality control of incoming PC boards and component leads. BOW 640 can be applied by brushing, dipping, or spraying. Should the fluxes become viscous due to solvent loss, simply thin down by adding BOW 1000 Thinner.

RESIDUE REMOVAL

The flux residue is non-corrosive, non-conductive, and non-hygroscopic, thus can be left on. If cleaning or removal of the residue is necessary, it can be accomplished using saponifier in an aqueous cleaning system.

PHYSICAL PROPERTIES

Color and Appearance	Amber Liquid
Solids Content (% by wt.)	40
Specific Gravity @ 68°F	0.88
Density (lbs./Gallon)	7.34
Flash Point (°F)	53

PACKAGING AND STORAGE INFORMATION

Bow 640 and the companion Bow 1000 Thinner are available in 1 pint, 1 quart, 1 gallon, 5 gallon and 55 gallon containers. They should be stored in a cool dry place. Since this flux is flammable, keep away from open flames and spark sources. Please consult Safety Data Sheets prior to use.

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