



RESINOUS RMA FLUX

FLUX TYPE BC 310-35

Flux type BC310-35 contains 35% of activated rosin. It conforms with the standard NFC 90550 in the RMA class (Rosin Mildly Activated).

ADDITIONAL INFORMATION:

Our manufacturing processes have been subjected to FMECA analysis (equivalent of AMDEC in Europe).

Physiochemical Characteristics:

Solution	: Alcoholised
Colouration	: Honey
Density at 20°C	: 0.870
Efficiency (SAR)	: Angle < 30° - Grade III
Water washing	: Insoluble
Alcohol washing	: Very soluble
Flash point	: 18°C
Dry extract	: 35%
Chlorine rate	: 0.1%
Acidity	: IA = 64.64 mg/g
Corrosiveness	: None

Health and Safety:

Use in a well ventilated area away from sources of flame or ignition (COSHH sheet available)

Packaging:

Throwaway HDPE containers of 5, 10 and 20 litres.

In the original hermetically sealed containers, stored at an ideal temperature near 20°C for 12 months period at most.

Application Notes:

Flux BC310-35 can be used for foam fluxing in all types of automatic flow soldering machines. Due to its concentration, the flux reduces the formation of icicles, craters and facilitates good capillary rise in metallised plated through holes. Also suitable for dip tinning amongst other general soldering applications.

Preheat temperature after fluxing should be between 90° and 100°C to give good activation.

Flux BC 310-35 residue may remain on the circuit without risk of corrosion or loss of insulation resistance. Any remaining residues if required, can be cleaned efficiently leaving no surface film, by means of an alcoholised solvent.

Maintenance of the flux density is achieved by adding dilutant D305 to within the limits of SPG. 0.860 to 0.880.