


Created date : 08/03/01	TECHNICAL DATA SHEET <u>FLUX TYPE BC 340</u> Resinous RA	
Ref. : Liquid Flux		
Updated : 24/11/14		

1 – GENERAL CHARACTERISTICS:

Flux BC340 contains 25% of activated rosin. It conforms to standard NFC 90550 in the RA class (Rosin Activated), J-std ROM1.

2 – PHYSIOCHEMICAL CHARACTERISTICS:

- Solution : Alcoholised
- Colouration : Dark Honey
- Density at 20°C : 0.850
- Efficiency (SAR) : Angle < 30° - grade III
- Water washing : Insoluble
- Alcohol washing : Very soluble
- Flash point : 18°C
- Dry extract : 25.5%
- Chlorine rate : 1 %
- Acidity : IA = 50 mg/g

3– INSTRUCTION OF USE:

Flux BC340 may be used for manual dipping or foam fluxing applications in all types of automatic flow soldering machines. Due to its concentration, this flux reduces the formation of icicles, craters and facilitates good capillary rise of solder in metallised plated through holes.

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

Any remaining residues can be cleaned efficiently leaving no surface film, by means of alcoholised solvent.

Maintenance of the flux density is achieved by adding dilutant D305 to within the limits of S.G. 0.846 to 0.854.

4 – MISCELLANEOUS:

Health & 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.

Storage: In the original hermetically sealed containers, stored at an ideal temperature of around 20°C for 12 months.