![GENTEC Adhesives | Equipment | Solutions]

☎: +32 (0) 2 351 1800
🖷: +32 (0) 2 351 1962

✉: webinfo@gentec.be
http://gentec-benelux.com

Gentec Benelux.
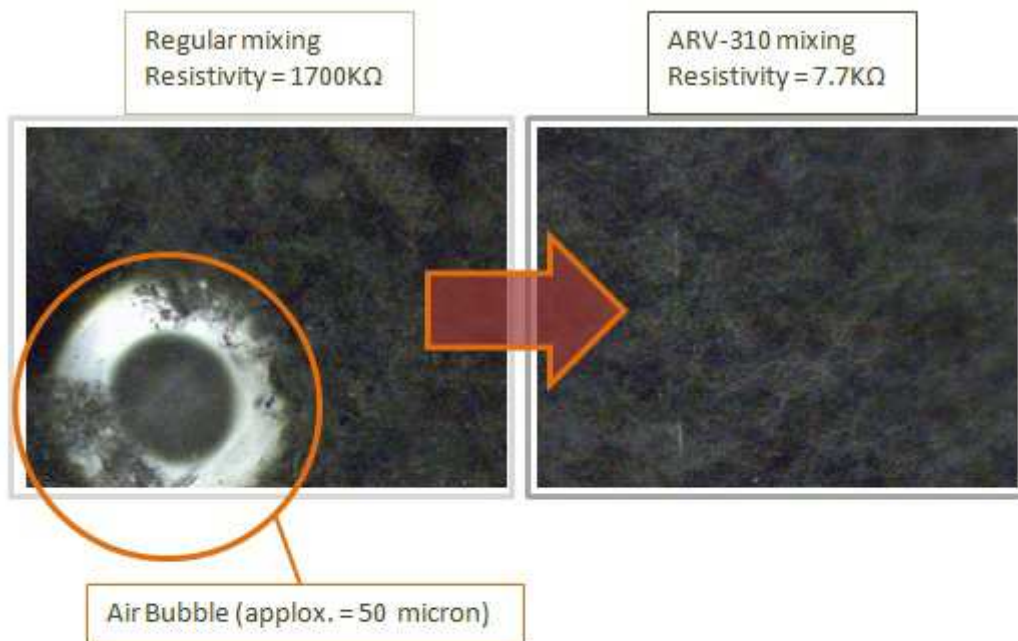
Rue de l'Industrie, 12
BE-1400 Nivelles, Belgium

Thinky Application Datasheet 17

CNF (Carbon Nano Fiber)
Process - Dispersion, Defoaming
Parameter - 2000rpm, 6min

Materials: CNF into eposy
   Diameter = 100nm, Length = 10mico
Capacity: 60g (1wt%)
Viscosity: 10,000cP (Estimated)
THINKY Mixer: Vacuum mixer ARV-310

Regular mixing
Resistivity = 1700KΩ

ARV-310 mixing
Resistivity = 7.7KΩ

Air Bubble (applox. = 50 micron)

CNF (Carbon Nano fiber) is easier to disperse and defoaming than CNT generally. However if you look at resistivity, it still hard to get good condition. ARV-310 can disperse and defoam very well for a short time. We don't see any bubble, also you could see uniformed network in right photo.