

Technical Data

Categories No: TNEPO-TNM2

Name: MWCNT epoxy composite

Ingredient: TNM1/ Dispersant/ Epoxy resin

Composition(wt %): 2.0/2.4/95.6

Epoxy model number: WSR618(E-51)

Epoxide equivalent weight (g/eq): 184-200

WSR618(E-51) Viscosity @ 25°C (mPa•s): 7000-18000

Curing agent amine hydrogen equivalent: 100-110g/mol

Curing agent Viscosity @ 25°C (mPa•s): <200

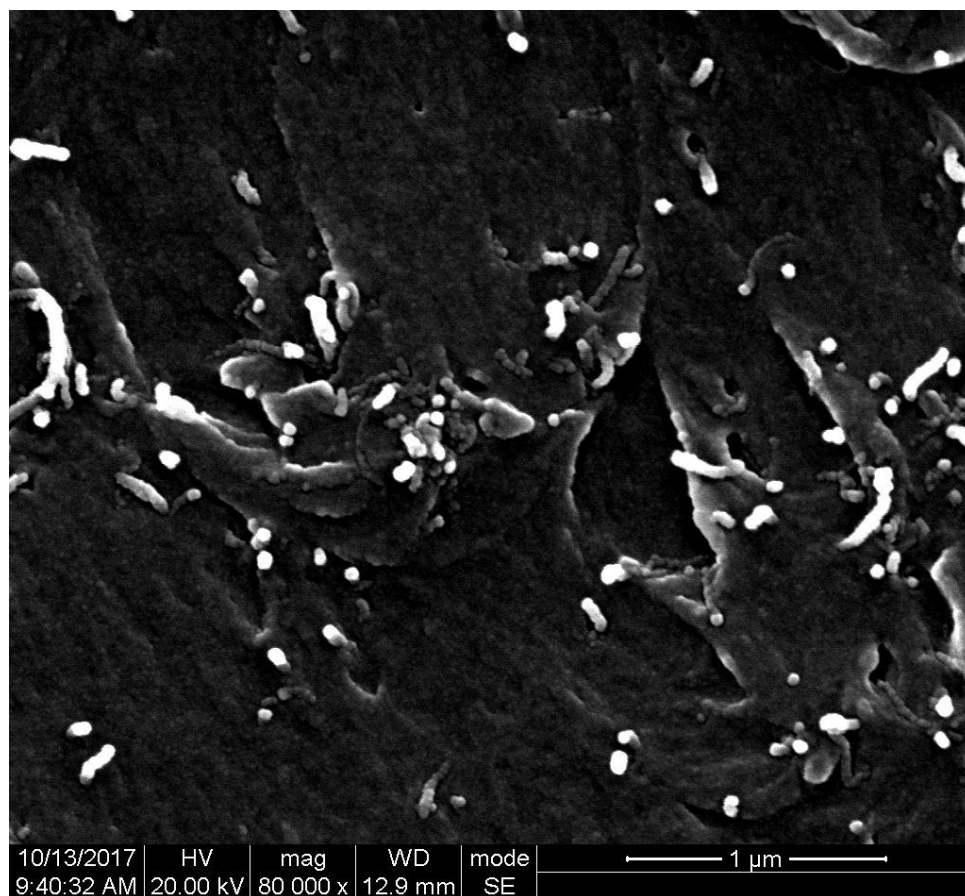
100 parts of epoxy resin composite recommended dosage of curing agent: 48 ~ 54 parts

Curing conditions:

The epoxy resin should be used within 30min after mixing with the curing agent.

Room temperature curing or bake at 50°C for less than 1 hour.

Testing pictures



SEM of TNEPO-TNM2