

Re: Dispersion of Carbon Nanotubes in Epoxy

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On Jun 12, 10:56 am, zzhe...@xxxxxxxxxxxxx wrote:

Hi, can someone help me identify the best way to disperse carbon nanotubes in epoxy? The volume is relatively small (about 100g to 2000g per batch).

There was a discussion last year about blending Al₂O₃ nano particles using Microfluidizer High Shear Processors. It costs too much. A threeroll mill may be a good idea. What is the rough cost? How to use it?

Thank you.

There are three manufacturers for small lab scale three roll mills. All three are good for your applications. Charles Ross and Son's costs about \$9-\$10 USD. Exakt costs about the same. Torrey Hills model costs about \$4k. I am using a Torrey Hills model. Check out their website at www.threerollmill.com. Good luck!