

nanosolve™

carbon nanotube dispersions

TECHNICAL DATA SHEET

SUMMARY

Nanosolve™ liquid dispersions are multi-wall carbon nanotube (MWNT) filled liquids that can be used in various coatings and other liquid based polymer applications. All dispersions are filled at 1% wt. MWNTs and are available in water (basic and acidic pH) and methyl ethyl ketone (MEK).

BENEFITS AND FEATURES

Nanosolve dispersions are a convenient and efficient method for incorporating MWNTs into your water or solvent based polymer system. These dispersions can increase the toughness, strength, and abrasion resistance of your system. Our unique MWNT treatment chemistry gives Nanosolve a shelf life of 1 year when stored at 60 F – 80 F.

Dispersion Properties	pH	Viscosity, cP
Basic Water	9.0	20
Acidic Water	5.0	20
MEK	6.5	20

SAFETY & HANDLING

Zyvex Performance Materials provides its customers with a product specific Material Safety Data Sheet (MSDS) to cover potential health effects, safe handling, and use information.

Zyvex Performance Materials encourages its customers to review the MSDS prior to use.

ZPM makes no warranty or guarantee, either express or implied, concerning the results of Nanosolve in a customer's application. All information and technical assistance given by ZPM is also without warranty or guarantee. The customer is responsible for any and all testing to determine if Nanosolve is useful in their application and that its use does not infringe upon any valid patents. All products are sold pursuant to ZPM standard terms and conditions. It is expressly understood and agreed that the customer assumes and releases ZPM from all liability, in tort, contract, or otherwise incurred in connection with the use, results, health & safety effects, handling, and disposal of Nanosolve.

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