

Engineering Mechanics

Rajasekaran

Nanofluids have many potentially heat transfer applications, including microelectronics, fuel cells, pharmaceutical processes, and hybrid-powered engines, engine cooling/vehicle thermal management, domestic refrigerator, chiller, heat exchanger, in grinding, machining and in boiler flue gas temperature reduction. They exhibit enhanced thermal conductivity and convective heat transfer coefficient compared to the base fluid. Knowledge of the rheological behaviour of... 45494fd0ff

Nanofluid The nanoparticles used in nanofluids are typically made of metals, oxides, carbides, or carbon nanotubes. Lv, Wei; Phelan, Patrick E. "Multifunctional A nanofluid is a fluid containing nanometer-sized particles, called nanoparticles. PMID 24085009. ; Swaminathan, Rajasekaran; Otanicar, Todd P. ; Taylor, Robert A. These fluids are engineered colloidal suspensions of nanoparticles in a base fluid. (2012-11-21). 52. 006041. Common base fluids include water, ethylene glycol, and oil 45494fd0ff

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Thanikachalam Sadagopan He is a recipient of Dr. He is the chairman and director of the Cardiac Care Centre at Sri Ramachandra University and an adjunct professor at the Biomedical Engineering Group of the Department of Applied Mechanics at the Indian Institute of Technology, Chennai. Roy Award of the Medical Council of India, the highest Indian. University and an adjunct professor at the Biomedical Engineering Group of the Department of Applied Mechanics at the Indian Institute of Technology, Chennai Thanikachalam Sadagopan is an Indian cardiologist, medical academic, and former Vice-Chancellor at the Sri Ramachandra University. He has been involved in several multinational multicentric drug trials including the PURSE-HIS Epidemiological Study of the Tufts University School of Medicine and the study on Nuna Kadugu, a Siddha medicine used to treat various skin diseases. C. He is known for research on preventive cardiology and has published several articles on the subject. B 45494fd0ff

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