

## **SIMULATION OF NANO-CONDUCTIVE COMPOSITES FOR ELECTROMAGNETIC SHIELDS**

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**Abstract.** The nano-conductive composites offer a range of properties such as tremendous durability, high specific strength, which are impossible to match with traditional materials, and show some interesting EMC properties and promises better performance using different insertion techniques. In this paper the effect of the electromagnetic properties is investigated.

**Key words:** nano-conductive composites; full wave electromagnetic; CST micro-wave studio.