

Markets for 3D Printing Materials: 2013-to-2022

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Abstracts

After many years as a niche technology for rapid prototyping, 3D printing has suddenly emerged as manufacturing technology with a thousand uses spread across a very diverse user base. Possible and actual users of 3D printers now include everyone from hobbyists to dentists to jewelers to giant aerospace firms.

SmarTech sees these trends as creating an immediate opportunity in the materials space. Each user group and each application needs its own materials set. While 3D printing used to be primarily about ABS, PLA and some metals, it seems that hardly a day goes by without new materials being added to the 3D printing palette.

Change in the 3D printing materials sector is now occurring at multiple levels. New materials such as novel alloys and even concrete are started to be printed. And it is becoming clear that the roads to success in the 3D printing materials sector will depend on finely tuning materials offerings to the needs of each application. This fine-tuning process will involve not just the type of material itself, but also material quality, and the selection of marketing channels and packaging.

This report is the first industry analysis report to examine where the money will be made in the 3D printing materials. For each major material, the report provides an assessment of its commercial potential, along with marketing prerogatives for key end-user sectors. The report also provides an analysis and forecast of the materials requirements for all the major applications sectors in which 3D printing is being deployed.

The ten-year forecasts presented in this report are in volume (kg) and value (\$ million) terms and the report also provides an appraisal of the strategies of the key firms influencing this market. This report will be invaluable to product marketing and business development executives in the 3D printing sector, as well as in the specialty chemicals sector. It will also be required reading for serious investors in 3D printing markets.

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