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Connect Webinar



Innovative Materials and Processes in Innovative Materials and Processe. Industrial Additive Manufacturing

Definition of 3D Printing

Leading organizations such as ISO and ASTM regulate the international standards and introduce the common standards on additive manufacturing. Likewise, all methods of adding material and shaping material by usually progressing layer by layer through 3D data in PC environment called additive layer manufacturing, according to these organisations.





Today's technologies have already come into our lives so quickly. It surely involves some phases from the very first moment we hear about it to our usage to such time it affects our lives. The first phase that starts with the announcement of technology creates huge expectations as it appears on the instruments such as the media, despite very limited scientific resources. At this point, technology has to be used efficiently and quickly. If we were to divide 3D and additive manufacturing into two; what we define as the printers operating on the principle of plugand-play, which are used at home, are the consumer 3D printers. There are also advance printers developed for industrial use. This is a more complicated system that requires intense human resource, involves broad engineering knowledge and calls for cost esitamations.

All visuals and contents in this infographic were developed by Aydın Yagmur.

The comments and narrations in this infographic are made by using Aydın Yagmur's webinar presentation

References

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(3) Gartner Emerging Technology Hype Cycle (Temmuz 2017) (4) EOS

(5) A.T Kearney Analysis

Ideaport is a CIGV program.