

Global 3D Printing Materials Market: Key Research Findings 2016

◆ Research Outline

Yano Research Institute has conducted a study on the global market of 3D printing materials market with the following conditions:

1. Research period: September to December, 2016
2. Research targets: 3D printing materials manufacturers, etc.
3. Research methodologies: Mainly face-to-face interviews by the expert researchers, and literature research

What are 3D Printing Materials?

3D printing materials in this research indicate those materials such as resins (including thermoplastic elastomer) and metals used for the following methods: 1) ME (Material Extruding) 2) PBF (Powder Bed Fusion) 3) VP (Vat Photopolymerization) and 4) MJ (Material Jetting.)

◆ Key Findings

■ **Global Market of 3D Printing Materials in 2016 Projected to Grow Largely to 107.0 Billion Yen, 116.1% on Y-o-Y Basis**

The global market of 3D printing materials in 2016, based on end-user purchase price, is likely to largely grow to 106,983 million yen, 116.1% of the market size in the previous year. Because of the wider and progressive acceptance of 3D printers both in the consumer sector (3D printers used by individuals/households, creators, educational institutions, etc.) and the industrial sector not only in U.S. but also in Europe and China, which is projected to make the global 3D printing materials market to attain double-digit growth.

■ **PBF Method Materials (Resin + Metals) Expected to Attain 34,850 Million Yen, Occupying 32.6% of Entire Market**

When looking at the global market of 2016 3D printing materials by method, based on end-user purchase price, the market size of materials for ME (Material Extruding) method is projected to reach 21,966 million yen, occupying 20.5% of the market share by method, the market size of resin powder for PBF (Powder Bed Fusion) method projected to attain 23,300 million yen (21.8%), the size of metal powder for PBF method to achieve 11,550 million yen (10.8%), those materials for MJ (Material Jetting) method to reach 29,500 million yen (27.6%), and those for VP (Vat Photopolymerization) method to achieve 20,667 million yen (19.3%).

■ **Market Forecast: CAGR from 2015 to 2020 Projected to be 17.6%, Market Size to Attain More than 200 Billion Yen by 2020**

As the global 3D printer market expected to expand considerably, the global 3D printing materials market, too, continues its growth rate at high level. CAGR (Compound Annual Growth Rate) of the market from 2015 to 2020 is likely to be 17.6%, with the global 3D printing materials market size projected to achieve 207,053 million yen by 2020.

◆ **Report Format**

Published report: “3D Printing Materials Market 2017”

Issued on: January 17, 2017

Language: Japanese

Format: 125 pages in A4 format

Price: 150,000 yen (The consumption tax shall additionally be charged for the sales in Japan.)

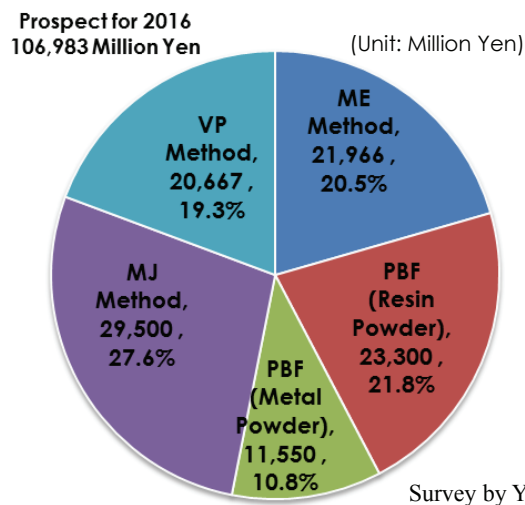
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■ **Figure 1: Composition Ratio of Global 3D Printing Materials Market by Method (2016 Prospect)**

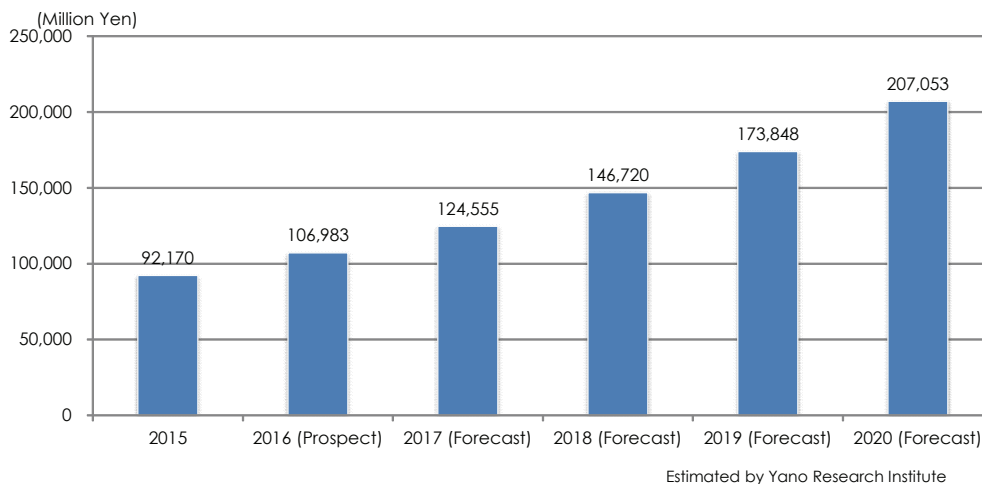


Survey by Yano Research Institute

Notes:

1. The market size is based on end-user purchase price.

■ **Figure 2: Transition and Forecast of Global 3D Printing Materials Market**



Estimated by Yano Research Institute

2. The market size is based on end-user purchase price.
3. 3D printing materials in this research indicate those materials such as resins (including thermoplastic elastomer) and metals used for the following methods: 1) ME (Material Extruding) 2) PBF (Powder Bed Fusion) 3) VP (Vat Photopolymerization) and 4) MJ (Material Jetting.)