

Bioceramics technology

A variety of synthetic medical scaffolds with a tunable range of biological, mechanical, and handling properties.

DSM expertise

DSM specializes in the design, development, scale-up, and manufacturing of bioceramic products. Our bioceramic development lab, testing capabilities, and manufacturing facility are designed to meet your innovation needs.

DSM is committed to the research & development of new technologies that enable brighter living. We proudly collaborate with more than 90 hospitals and 40 university-employed physicians in an effort to drive academic and translational research. As of 2016, DSM has over 200 authored publications and 700 supported publications.

Sourcing

DSM offers a variety of services that can be tailored to your bioceramic needs. We can manufacture, source, and/or work with multiple materials:

- Calcium phosphates
- Porous ceramic medical devices
- Medical ceramic composites
- Hydroxyapatite
- Bioactive glass
- Xenograft bone

Customized 100%

Depending on your specific performance requirements, we can tailor the following:

- Handling properties
- Remodeling rate
- Mixing and delivery systems
- Processing method (sintering, granulation, sieving)

We are also capable of providing our bioceramics in various forms:

- Granules
- Powders
- Pastes
- Putties
- Preforms



Partnership opportunities

We are a global company with all the equipment, engineering capabilities, and quality controls you will need to bring your product to market:



As your partner, we strive for quality and satisfaction. Our 95% fulfillment rate is indicative of our continuous commitment to our partners. We take pride in our quality system, as proven by our low complaint rate (less than 1 per 20,000 units shipped) and equally low number of product returns (0.02% product returns out of 3.5 million finished devices).



Product Disclaimer

The description by DSM Biomedical of the characteristics and properties of its products and services as contained in this brochure is for general information purposes only, and may not be relied upon in individual situations. All materials offered by DSM Biomedical are supplied under a contract containing detailed product specifications, and the user shall be exclusively responsible for, and shall bear full responsibility for the consequences of, (i) whether or not the product is suitable for use in the devices (or for any other (authorized) use that customer may wish to make of the product), and (ii) whether the product specifications are sufficient and sufficiently well defined in order for the product to be fit and suitable for use by user. User undertakes to keep itself actively informed as to developments in the relevant fields of its applications.

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