

About DSM Biomedical

- Founded:** DSM Biomedical was founded in 2005. The Polymer Technology Group was founded in 1989 and was acquired by DSM in May 2008.
- Location:** Headquartered in the Netherlands (Geleen) with an office (DSM PTG) in Berkeley, CA
- Number of Employees:** 138

DSM Biomedical is a global leader in biomedical materials that provides proprietary materials-based solutions that enable new and more effective treatments for the medical device and biopharmaceutical industries. Building on the expertise and strengths of DSM and its 2008 acquisition of The Polymer Technology Group (now known as DSM PTG), DSM Biomedical's product portfolio includes coatings, drug delivery platforms and a wide range of biomedical materials for use in short- and long-term implantable medical devices.

Product brands include:

- **Bionate**[®] thermoplastic polycarbonate-urethane (PCU) and **CarboSil**[®] thermoplastic silicone polycarbonate-urethane (TSPCU), two of the most extensively tested biomedical polymers ever developed. Both polymers have excellent biostability, high strength and abrasion resistance, making them candidate materials for load-bearing orthopedic implants.
- **Elasthane**[™] thermoplastic polyether-urethane (TPU), a high strength, aromatic biomedical polymer.
- **PurSil**[®] thermoplastic silicone-polyether-urethane (TSPU), a copolymer containing a synergistic combination of soft segments: silicone and polyalkylene oxide (polyether).
- **BioSpan**[®] segmented polyurethane (SPU), a critical biomedical polymer. BioSpan and its predecessor polymer developed by DSM PTG staff are used in the majority of clinical ventricular assist devices and artificial heart cases worldwide.
- **ComfortCoat**[®] hydrophilic and antimicrobial coating technology for catheters, guidewires and stent delivery systems.
- **VitroStealth**[®], a breakthrough non-fouling coating technology.
- **Dyneema Purity**[®], a high-performance polyethylene fiber technology developed specifically for use in medical applications, such as orthopedic implants.
- The **Trancerta**[™] family of bioresorbable materials for drug delivery.

This portfolio is based on DSM's core strengths in materials science and life science combined with its extensive in-house library of synthesis methods, formulation and processing techniques.

DSM Biomedical also performs many aspects of device manufacturing. Its forward-looking manufacturing process is designed to help its partners successfully navigate an increasingly rigorous regulatory and quality compliance environment. The company's facilities are capable of performing specific manufacturing activities under cGMP principles and are ISO 9001:2008 (Berkeley, CA) and ISO 13485:2003 certified (Berkeley, CA and Geleen, Netherlands).

For more information, visit www.dsmbiomedical.com.