

## PSU stock shapes for medical application

Syensqo and Genesis Medical Plastics are offering polysulfone rods and plates for prototyping and application development of implantable devices.

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High-performance polymers producer Syensqo and US converter Genesis Medical Plastics have partnered to bring a new series of polysulfone (PSU) rod stock shapes to market.

Designed for the manufacture of implantable medical devices, the new Eviva PSU series is available from Genesis Medical Plastics' inventory in a wide range of standard diameters, providing manufacturers with rapid access to material for machined prototypes and production parts.

On request, the material can also be supplied as machinable plate or as rods in customer-specified diameters.

According to Syensqo, the stock shapes combine implant-grade performance with the practicality of ready-to-machine materials. They offer transparency for intra-operative visibility, radiolucency for artefact-free medical imaging, and thermal and electrical insulation, while maintaining a combination of light weight, strength and toughness.

With a bone-like modulus, the material is particularly suited to non-load-bearing implants across cardiovascular, neurovascular, drug-delivery, craniomaxillofacial and dental applications.

“By offering Eviva PSU in ready-to-machine stock shapes, we are removing barriers early in the design and scale-up process. This enables engineers to quickly machine parts, validate fit and performance, and move forward with confidence, without compromising on the properties that matter most in implantable devices,” said Natalie Dragunat, Global Marketing Manager, Healthcare, Syensqo.

Eviva PSU stock shapes are produced in a dedicated facility compliant with ISO 13485 and cGMP requirements and are tested in ISO 9001-certified and ISO 17025-accredited laboratories.