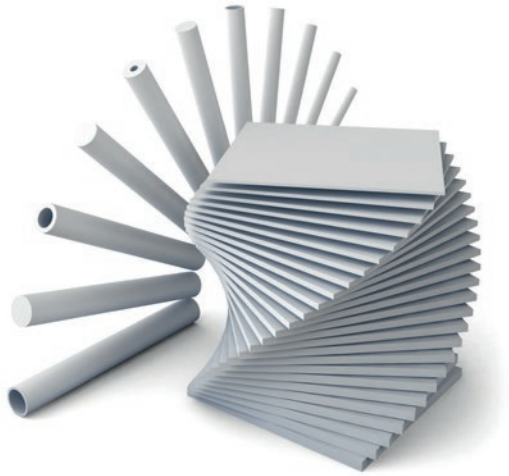
ZELL METALL
ENGINEERING PLASTICS

ZELLAMID® 1500 X MG

MEDICAL GRADE HPM



HIGH-PERFORMANCE PEEK STOCK SHAPE FOR MEDICAL APPLICATIONS

With the new material type **ZELLAMID® 1500 X MG**, we are expanding the portfolio of semi-finished products at Zell-Metall with another high-performance product for medical applications (medical grade).

ZELLAMID® 1500 X MG is a USP Class VI tested PEEK stock shape made from Victrex® 450 G.
USP Class VI designates the certification according to the highest class (Class I-VI) of the globally recognized standard for plastics of the United States Pharmacopeia (US Pharmacopoeia). The biological reaction of humans and animals to the examined materials is evaluated. This is particularly necessary for applications in the medical and pharmaceutical sector that are in direct or indirect (e.g. medicine) contact with living beings (e.g. seals, injection units, screws, containers and holders for medical devices and packaging, etc.).

ZELLAMID® 1500 X MG semi-finished product was subjected to a series of in-vivo tests according to USP Class VI specifications. Furthermore, the production of the **ZELLAMID® 1500 X MG** semi-finished product is subject to special quality standards at Zell-Metall in order to meet the high requirements. You will receive a separately issued certificate for USP Class IV conformity when ordering the semi-finished product.*

usp®

www.usp.org

victrex
MADE WITH VICTREX PEEK

EN

PEEK stock shape products from the **ZELLAMID®** family are high-performance materials made from polymers, which are developed for use with particularly high requirements. Components for environments with high temperatures, chemical attack, high mechanical stress or other special requirements such as high sterilization capability can be manufactured from these semi-finished products by machining.

ZELLAMID® 1500 X MG is available as rod, tube or sheet in a variety of dimensions in Zell-Metall.

If you are interested or have further questions, please contact your personal sales partner or visit our website at **ZELLAMID.com**

* The USP Class VI certification is often a necessary but not sufficient condition for the approval of an application in the medical or pharmaceutical field and does not replace the requirement for approval tests on the finished product or application. The applicability of **ZELLAMID® 1500 X MG** must always be assessed individually in each individual case. The examples given are only given as examples. In particular, **ZELLAMID® 1500 X MG** is not suitable for use with direct long-term contact with people or for medical implants.

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