



Ultrafuse® material overview - biocompatibility

Bodies have different shapes, which makes it important that whatever we wear on them fits us exactly. Modern digital technologies such as additive manufacturing are set to open up entirely new possibilities for the individualisation of all kinds of wearables. In order to feel comfortable with it, however, it is not only important to have the right design and the right material, but also to meet the necessary specifications. BASF Forward AM therefore checks* the qualification of our materials for your application.

Ultrafuse®	Cytotoxicity XTT neutral red ISO 10993-5	Skin irritation ISO10993-10	Skin sensitization LLNA KretinoSens ISO10993-10
TPU 64D	✓	✓	✓
TPU 95A	✓	✓	✓
TPU 85A	✓	✓	✓
TPS 90A	✓	✓	✓
PP	✓	✓	✓
PLA Pro1	✓	✓	✓
PLA Tough	✓	✓	✓

*The biocompatibility tests were recorded on test specimen of the above referenced product to show compatibility of the material in general. The biocompatibility tests listed are not part of any continuous production protocol. The test assessments reflect only the test specimen and have to be retested on the final product. It remains the responsibility of the device manufacturers and/or end-users to determine the suitability of all printed parts for their respective application. **F o r n o t i c e:** We give no warranties, expressed or implied, concerning the suitability of above-mentioned product for use in any medical device and pharmaceutical applications. All information contained in this document is given in good faith and is based on sources believed to be reliable and accurate at the date of publication of this document. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.