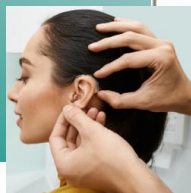


TECHNYL[®] CARE

For medical applications

High-performance polyamides engineered for medical and healthcare applications based on PA6, PA66 and PA6.10



Sustainable development & human care



MAIN BENEFITS

- **Esthetics and surface finish**
- **Color customization**
- **Durability**
- **Biocompatibility** standards according to ISO 10993 / USP Class VI (USP 87 / 88)
- **Sterilizable**
- **Technical and regulatory support**

MARKETS



STRUCTURAL MEDICAL APPLICATIONS

KEY PRODUCT

Technyl[®] Care
A 219 U V30 WT2750



KEY APPLICATIONS



surgical instruments



orthotics & prosthetic



drug delivery devices



pharmaceutical manufacturing



medical facility infrastructure





PROOF POINTS

Technyl® Care polyamide formulations offer excellent chemical resistance, great dimensional stability, low water absorption rates, sterilizability, high mechanical performance retention and excellent tribological properties. Our polyamides are biotested to ISO 10993 / USP Class VI (USP 87 / 88).

RadiciGroup diligently monitors its material certifications for medical applications and ensures to adhere to applicable regulatory standards and guidelines established by health authorities, including the U.S. Food and Drug Administration (FDA), the European Medicines Agency (EMA), and other regulatory organizations worldwide.

Our customers are kept up to date on any important changes related to regulatory compliance. We consistently track our certifications and maintain transparency to help customers meet evolving regulatory demands with confidence.

It is solely the responsibility of the medical device manufacturer to determine that the use of RadiciGroup's grade is safe, lawful, and technically appropriate for the intended use.

RadiciGroup makes no warranties, express or implied, regarding the suitability of its products for medical use.

Exact specifications can differ based on the category of medical device, its purpose, and governing regulations. The foremost priority for medical devices is ensuring the safety of patients and users.

Regulatory compliance

The plastic materials used in medical devices must adhere to the applicable regulatory standards and guidelines established by health authorities, including the U.S. Food and Drug Administration (FDA), the European Medicines Agency (EMA), and other regulatory organizations worldwide. RadiciGroup diligently monitors its material certifications and ensures its **customers are kept up to date on regulatory compliance changes.**

Traceability

Our comprehensive tracking and documentation of all raw materials involved in production, combined with our rigorous quality control, ensures that we maintain **traceability and material uniformity.**

Biocompatibility

Biocompatibility testing evaluates the compatibility of medical devices with biological systems. This testing studies the interaction between devices and the various types of living tissues and cells that are exposed to them when they come into contact with patients. **Technyl® grades can meet biocompatibility standards** according to ISO 10993 / USP Class VI (USP 87 / 88) standards.

Sterilization compatibility

To ensure safety, medical devices are typically sterilized to prevent the risk of infection and exposure to aggressive disinfectants and cleaning agents.

Results of sterilization compatibility tests are available upon request.

Change management

Customers will receive prior notification of **any changes to the performance, processing, or formulation of the final product.**

