



Healthcare

High-performance polyamides for healthcare solutions

When reliability and quality matter most

Ascend has a long history of providing high quality, reliable polyamide solutions for the most demanding applications. Nylon is a material of choice in high-stakes applications from medical devices to parachutes and airbags. As the world's largest fully integrated nylon 6,6 resin manufacturer, Ascend has been improving the performance and quality of polyamides for over 70 years.

We understand the stringent requirements and testing needed for healthcare applications. Our HiDura® MED healthcare portfolio is produced under the highest quality standards and meets ISO 10993-5 and 10993-10 testing criteria. Our materials and applications experts are here to share our data and biocompatibility testing, and our computer-aided design experts can help design your products right the first time with state-of-the-art CAE tools. Through structural and mold filling analysis and 3D printing for rapid prototype development, we can greatly improve your speed to market and help elevate your products.

Solutions for healthcare applications

- Nylon 6,6 resins and compounds
- Long-chain and amorphous nylons in development
- Acteev,® antimicrobial engineered materials and medical textiles in development
- Carbon-neutral and bio-based materials



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Making your innovations their most effective

Ascend's nylon solutions for healthcare are the answer to a world demanding products that are safe, durable and reliable. We work with our customers to drive innovation from consumer applications to new healthcare technologies. Our polyamide solutions are ideal for a wide variety of applications:

- **Medical durables:** Braces, patient support, furniture, mobility aids and other durable equipment
- **Drug delivery:** Filtration equipment and membranes, tubing, fluid connectors and auto injectors
- **Surgical instruments:** Scalpel handles, dental instruments, forceps and clamps
- **Medical equipment:** Housings, protective cases, cables, sensors, connectors and wearables
- **Wound care:** Sutures, tapes and zip ties



Advancing for All

For Ascend, sustainability is about improving the quality of life today and inspiring a better tomorrow. As a member of the UN Global Compact, we have committed to develop, implement and disclose responsible business practices in the areas of human rights, labor, environment and anti-corruption. We have carbon-neutral and bio-sourced materials to help you achieve your sustainability goals.

Commercial grade classifications

- Meets ISO 10993-5 and 10993-10 testing criteria
- RoHS compliant
- REACH compliant
- Phthalate free
- BPA free
- Ozone depleting substance compliant
- California Proposition 65 compliant



For more information, contact

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CAUTION: Do not use Ascend Performance Materials MED grades in medical applications involving implantation in the human body or contact with internal body fluids or tissues for extended periods of time. Read Ascend's medical device policy [here](#).

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