

SEGMENT PROFILE

Consumer & Industrial

Polyamide solutions for consumer
and industrial applications.

Exceptional performance, every day

Whether it's a hockey skate, a vacuum brush head, a packaging film, a lighter or the gears and pulleys in a printer, people expect reliable, consistent performance. Polyamide solutions from Ascend Performance Materials bring exceptional, long-term performance in consumer and industrial goods.

Our Vydine® PA6 and PA66, HiDura™ specialty polyamides and ReDefyne™ recycled polymers are formulated for easy, efficient processability and reliable performance under harsh conditions. With a portfolio of high-performance polyamides, Ascend Performance Materials is focused on providing versatile, durable and sustainable materials across the consumer and industrial goods markets.

Our global footprint, technical expertise and broad consumer and industrial materials portfolio are here to help you and your products perform well over the long term.



Featured Solutions



General purpose, heat-stabilized, impacted-modified and electrically neutral PA66 and PA6 grades designed for efficient processing. Our Vydine polyamides are chosen for their strength, dimensional stability and excellent abrasion, chemical and temperature resistance.



PA610 and PA612 with excellent strength, weathering, temperature resistance and dimensional stability for longterm outdoor applications.



Full portfolio of low-carbon, certified circular polyamides with post-consumer recycled and pre-consumer materials specially formulated to provide reliable performance in demanding applications. Offered with up to 100% recycled PA66 or PA6.

Learn more about our portfolio of Vydine, HiDura and ReDefyne on our [product finder](#).



Versatility

Your customers expect consistent performance, even when specifications change. With our portfolio and application expertise, we can help you grow alongside your customers with next-generation parts. We have designed our materials to process well in injection molding, profile extrusion, blow molding, films and fibers production. Our portfolio includes:

- Easily processible, fast cycling resins and engineered plastics
- Excellent surface finish grades
- Global food and potable water contact approvals
- Pre-color and masterbatch capabilities



Durability

Reliable performance starts with durable parts. Because we are a fully integrated polyamide manufacturer, our materials offer excellent temperature, abrasion and chemical resistance. Beyond that, we engineer our materials to improve:

- Strength and toughness
- Flame resistance
- Flex fatigue
- Thermal conductivity
- High-temperature performance
- Low-temperature durability



Sustainability

Making products that last and using materials that process well is the start of a better environmental footprint. But we want more than a better environmental footprint. That's why we've committed to:

- Producing resins and engineered plastics with recycled materials
- Reducing our greenhouse gas emissions by 80% by 2030
- Developing products that help you and your customers reach sustainability goals

About Ascend

Ascend Performance Materials makes high-performance materials for everyday essentials and new technologies. Our focus is on improving quality of life and inspiring a better tomorrow through innovation. We make the plastics, fabrics, fibers and chemicals used to make safer vehicles, cleaner energy, better medical devices, smarter appliances and longer-lasting apparel and consumer goods. We are committed to safety, sustainability and the success of our customers and our communities.

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For more information, contact our expert applications specialists or visit ascendmaterials.com.

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