

SEGMENT PROFILE

Cable Ties and Fasteners

The leading global supplier of
polyamide resins and compounds
for cable ties and fasteners.



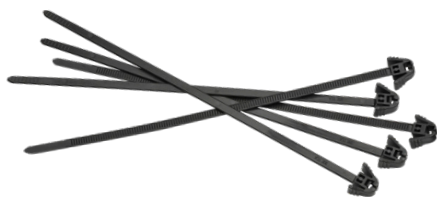
Cable ties and fasteners

Ascend produces more PA66 for cable ties than any other manufacturer. Our broad portfolio includes grades specifically designed for applications requiring fast cycling with resistance to impact, weather, chemicals and high temperatures. Our unparalleled applications testing lab, technical service model and approach to innovation ensure your manufacturing processes run efficiently and cost-effectively. Ascend produces more than 2 million cable ties each year for R&D and quality testing using our custom-engineered PA66 resins.

Innovation and commitment

Ascend is the global leader in supplying the cable tie market and we are committed to growing this business even more. Our innovative product development program allows us to continually bring new products to the market.

- High-temperature grades for under-the-hood auto applications.
- UV-resistant and impact-modified grades for long-term weatherability.
- Heat-stabilized grades for electrical applications and connectors.



Rigorous testing

We mold more than 2 million cable ties each year to ensure our materials provide superior performance in your processes. Our dedicated laboratory in Pensacola, Florida, features 300- and 110-ton electric molding machines, five types of installation guns and a cable tie tool for simultaneous testing on up to 50 cable ties.

- UV weathering and cold-temperature installations.
- Heat aging and high-temperature performance capability.
- Impact testing.
- Testing in controlled-humidity environments.
- Hydrolysis-resistance testing.
- UL testing.

Technical support that works for you

Ascend experts are available around the globe to help you achieve peak performance with our materials. We don't just supply resin – we partner with you to ensure your processes are running quickly, efficiently and reliably, allowing you to make the highest-quality product.

Our technical experts are available to visit your facility and troubleshoot any challenges with you, ensuring you are getting top performance from our materials.



Learn more about our full product portfolio for cable ties and fasteners on ascendmaterials.com

Vydyne® PA66 delivers better flow, higher heat resistance and higher impact toughness compared to the competition. We are dedicated to developing new innovative products to solve tomorrow's challenges today.

Vydyne solutions

	GRADE	TENSILE STRENGTH (MPa)	DESCRIPTION
General purpose	21SPC	88	Standard
	21SPF	88	Fast cycle
	21SPF BK	88	Fast cycle, black
	21SPR	88	Standard, improved mold release
	21SPM	88	Fast cycle, low plateout
	21SPF1	88	Fast cycle, improved flow
Heat stabilized	22HSP NT	85	Heat stabilized, natural
	22HSP BK	85	Heat stabilized, black
	ThermaPlus	85	Extreme high temperature resistance
Specialty applications	25WSP	82	Long-term UV resistance
	ECO 315J	82	Copolymer PA66/6 unreinforced V0
	ECO 366H	82	Unreinforced V0
Impact modified (IM)	41H NT	50	High IM, heat stabilized, low temperature resistance, natural
	41H BK03	50	High IM, heat stabilized, low temperature resistance, black
	47H NT0668	60	Medium IM, heat stabilized, low temperature resistance, natural
	47H BK0668	60	Medium IM, heat stabilized, low temperature resistance, black
	47H BK0644	60	Medium IM, heat stabilized, long-term UV resistance, outdoor weatherable, fast cycle, low temperature resistance, black
	49H NT	60	Low IM, heat stabilized, low temperature resistance, natural
	49H BK	70	Low IM, heat stabilized, low temperature resistance, black

About Ascend

Ascend Performance Materials is the world's largest fully integrated producer of nylon 6,6 resin. We manufacture and reliably supply world-class plastics, fibers and chemicals that are used in thousands of everyday applications such as car parts, electronics and cable ties.

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inspiring everyday