



It all starts with...
proven protection.



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ADVANSIX
Good chemistry.

DURABLE AEGIS® NYLON JACKET COMPOUNDS FOR WIRE AND CABLE

Wires and cables help power the world. Aegis® nylon jacket compounds protect wires and cables from physical and chemical damage during installation and throughout their service life. Also, when a nylon jacket is used to protect insulation, the total insulation's thickness can be reduced, resulting in a smaller outside diameter. This allows more wires to be installed in a given conduit.

Aegis® nylon jacket compounds offer great processability at all line speeds for circuit-size as well as feeder-size wires. The performance complies with applicable standards, supporting wire and cable producers in obtaining the required UL certifications and markings for their products.

DIVERSE APPLICATIONS

Aegis® nylon jacket compounds are QMTT2 or QMTM2 UL-certified wire components that offer a range of performance benefits, as shown on the next page.

They are specifically designed for demanding applications, including:

- Residential buildings
- Commercial buildings
- Plenum cables
- Data centers
- Medical facilities
- Stadiums
- Automotive



YOUR TRUSTED PARTNER

- AdvanSix is a leading producer of high-quality nylon 6 and nylon 6,6 resins
- Vertically integrated manufacturing in North America for reliable supply
- Essential chemistries that make innovative solutions and a sustainable future possible
- Diverse product portfolio and expertise across multiple industries
- Strong focus on collaboration and best-in-class customer experience

To learn more, call us using the contact information on the back page. We look forward to working with you as your trusted partner.

COMPATIBILITY

Aegis® nylon jacket compounds have been tested to meet ANSI/UL 1581 and ANSI/UL 83 standards, making them interchangeable with other nylon jacket compounds used for Type THHN, THWN and THWN-2 wire, SPT-1 cord, and Types TFN fixture wire and TFFN fixture wire.

IMPROVED CARBON FOOTPRINT

For customers looking to reduce environmental impact, Aegis® nylon jacket compounds are also available as 100% post-consumer recycled (PCR) or 100% post-industrial recycled (PIR) nylon content grades.

There is no sacrifice in performance or processability, and no costly requalification process. Environmental claims are certified by SCS Global Services, an independent third-party.

KEY BENEFITS OF AEGIS® NYLON JACKET COMPOUNDS

<u>BENEFITS</u>	<u>AEGIS® H55WC01</u>	<u>AEGIS® H55WCX</u>	<u>AEGIS® H85WC01</u>
Protection from oil, gasoline and other hydrocarbons	•	•	•
Abrasion and crush resistance	•	•	•
Good performance at all line speeds and wire sizes	•		
Extra flexibility for cold and dry environments		•	
Low fuming during wire extrusion			•
UL QMTT2 Listed (building wire applications)	•	•	•
UL QMTM2 Listed (plenum cable applications)			•
Available as 100% PCR or PIR nylon content grades	•	•	•



CONTACT ADVANSIX

Contact AdvanSix to learn more about the benefits of Aegis® Nylon Resins.

ADVANSIX.COM

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