

Aegis® Nylon Jacket Compounds for Wire & Cable

**WIRED FOR
PERFORMANCE
AND RELIABILITY**

ADVANSIX

Aegis® Nylon Jacket Compounds for Wire & Cable

Get proven protection, top performance and trusted, reliable solutions with Aegis® nylon jacket compounds from AdvanSix. From building wire to automotive cable, they are designed to meet your needs for performance, processability and compatibility.

Aegis® nylon jacket compounds are designed to provide protection from physical and chemical damage during installation and throughout the service life of a wire. When a nylon jacket is used to protect insulation, the thickness of the insulation can be reduced. The resulting smaller outside diameter allows for installation of more wires in a given size conduit.

Aegis® nylon jacket compounds are formulated to offer excellent processability, making them suitable for use on any manufacturing line. As part of a wire or cable construction, Aegis® nylon jacket compounds help enable wire and cable producers to attain UL certifications and markings for their products.

Applications

Aegis® nylon jacket compounds are UL QMTT2- and UL QMTM2-listed wiring components specifically designed for high-performance uses, including in:

- Residential buildings
- Commercial buildings
- Plenum cables
- Machine tools
- Automobiles
- Appliances

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.

Why AdvanSix

Consistent Quality and Reliable Supply.

As a dependable, fully integrated manufacturer of caprolactam and nylon resin, AdvanSix is well-positioned to meet your long-term needs for quality nylon jacket compounds that you can count on.

Industry-Leading Research and Development Capabilities. For more than five decades, we have helped customers across industries develop nylon formulations that meet demanding specifications.

Best-in-Class Customer Experience.

Using Advantaged Chemistries, AdvanSix offers a range of Aegis® resins for a variety of consumer and industrial applications. A focus on innovation, collaboration, safety and reliability make AdvanSix your trusted partner for advanced solutions.

To learn more, please contact our technical and sales support team today.

Key Benefits of Aegis® Nylon Jacket Compounds

	Aegis® H55WC01	Aegis® H55WCX	Aegis® H85WC01
Excellent protection from grease, oil and gasoline	•	•	•
Abrasion, cut and impact resistance	•	•	•
Best performance for all line speeds and wire sizes	•		
Extra flexibility for cold and dry environments		•	
Lowest fuming during wire extrusion			•
UL QMTT2 Listed (building wire applications)	•	•	•
UL QMTM2 Listed (plenum cable applications)			•



Contact AdvanSix

To learn more about the benefits of Aegis® Nylon Resins, visit AdvanSix.com/NylonSolutions or call: **1-844-890-8949** (toll free, U.S./Can.) **+1-973-526-1800** (international)

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