



# AEROSPACE MATERIAL SPECIFICATION

AMS3892™/12

REV. A

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Superseding AMS3892/12

Tow, Carbon Fiber  
For Structural Composites  
730 (5033) Tensile Strength, 41 (283) Tensile Modulus

## RATIONALE

This document has been determined to contain basic and stable technology which is not dynamic in nature.

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## 1. SCOPE:

### 1.1 Form:

This specification covers one type of carbon fiber in the form of tow.

### 1.2 Classification:

Carbon tow with 730 ksi (5033 MPa) tensile strength and 41 Msi (283 GPa) tensile modulus for use in general purpose structural composites requiring high tensile strength and high modulus of elasticity in tension.

## 2. APPLICABLE DOCUMENTS:

See AMS 3892.

## 3. TECHNICAL REQUIREMENTS:

### 3.1 Basic Specification:

The complete requirements for procuring the carbon tow described herein shall consist of this document and the latest issue of the basic specification.

### 3.2 Storage Life:

The product shall be readily strippable from the spool and the filaments spreadable when tested at any time up to 12 months from date of receipt by purchaser provided it has been stored at room temperature in the original closed container.