



NMS 818/15 Rev A  
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### NCAMP Material Specification

*This specification is generated and maintained in accordance with NCAMP  
Standard Operating Procedures, NSP 100*

REVISIONS

Revision	Date	Description
-	02/23/2023	Initial Release
A	02/27/2023	Section 3.3 Table 1 Note 3: Revised “Teijin Carbon America...” to “Teijin Carbon Europe GmbH...”. Qualified Products List: Revised production location “Teijin Carbon America Europe GmbH” to “Teijin Carbon Europe GmbH”. Revised by: Vinsensius Tanoto Approved by: Joe Spangler (Teijin Carbon America) and Royal Lovingfoss (NIAR)

1. SCOPE:

1.1 Form:

This detail specification follows the section and table numbering scheme of the base specification NMS 818. It contains additional or superseding requirements. The base specification shall govern where no additional requirement is specified; in such cases, the applicable sections are omitted from this detail specification.

3 TECHNICAL REQUIREMENTS

3.2 Material

3.2.5 Splices

Splices are allowed for twisted tow (Style TT) only. UT and NT styles shall not be spliced. The frequency of carbon fiber tow splice shall be no more than two per pound.

3.2.9 Storage Life

< Ambient storage life shall be 3 years from the date of

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### 3.2.10 Carbon Fiber Lot (definition)

Table 1 – Carbon Fiber Tow Properties

<b>Paragraph</b>	<b>Property</b>	<b>Requirements, Lot average or individual spool (see Note 1)</b>
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calibration procedures, key process parameters, key process equipment, storage, handling, shipping, or packaging, etc.

QUALIFIED PRODUCTS LIST

Supplier Product Designation	Supplier Name, Location, and Line Number	Date Qualified	Specification Callout
Tenax-E IMS65 E23 24K 830 tex Sizing: 1.10 – 1.40%			