



SOLVAY

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Solvay Composite Materials

Qualified by NCAMP

**COMPOSITE
MATERIALS**

Solvay Materials With NCAMP/ FAA Qualifications

Solvay has been a supporter for a number of years of the NCAMP initiative to generate publicly qualified material databases which are acceptable to the FAA as well as to military and space industry users. The database reports and the associated material and process specifications greatly reduce the costs and timescales associated with material adoption on a program.

Solvay products already qualified through NCAMP include prepregs based on CYCOM® 5320-1 and MTM® 45-1 resin systems with the following product forms:

- **CYCOM® 5320-1** 145 gsm T650-35 unidirectional carbon fiber tape
- **CYCOM® 5320-1** 193 gsm T650-35 plain weave carbon fiber fabric
- **MTM® 45-1** 193gsm HTS40 plain weave carbon fiber fabric
- **MTM® 45-1** 193 gsm AS4 plain weave carbon fiber fabric
- **MTM® 45-1** style 7781 E-glass fabric
- **MTM® 45-1** style 6781 S2 glass fabric
- **MTM® 45-1** 145 gsm IM7 unidirectional tape
- **MTM® 45-1** 145 gsm HTS40 unidirectional tape

Solvay is pleased to announce our investment in new NCAMP databases. The following two products are currently being qualified:

- **CYCOM® 5320-1** 7781 E-glass fabric prepreg
- **FM® 309-1** film adhesive

This is intended to be an ongoing process with additional products to be qualified in future.

Data on the currently qualified Solvay products can be found on the NCAMP website:

<https://www.wichita.edu/research/NIAR/Research/ncamp.php>

Solvay will be happy to discuss and have input on future qualifications including suggestions as to additional products which could be beneficial.

Solvay contact: chris.ridgard@solvay.com



WICHITA STATE
UNIVERSITY
NATIONAL INSTITUTE
FOR AVIATION RESEARCH

Solvay

Composite Materials HQ
4500 McGinnis Ferry Road
Alpharetta, GA 30005-3914 USA
custinfo@solvay.com



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