



AEROSPACE MATERIAL SPECIFICATION

AMS2980™/4**REV. B**

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Superseding AMS2980/4A

Carbon Fiber Fabric and Epoxy Resin Wet Lay-Up Repair Material Part 4 - Purchasing Specification - Resin

RATIONALE

AMS2980/4B is a Five Year Review and update of this specification.

FOREWORD

This Purchasing Specification (PS) is part of the Technical Specification system described in AMS2980.

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1. SCOPE

This PS, AMS2980/4, specifies the batch release and delivery requirements for epoxy resin systems (base resin and curing agent) used for wet lay-up repair purposes.

1.1 Limitation

This specification relates to qualified epoxy resin systems listed in the associated PRI QPL AMS2980.

2. APPLICABLE DOCUMENTS

The issue of the following documents in effect on the date of the purchase order forms a part of this specification to the extent specified herein. The supplier may work to a subsequent revision of a document unless a specific document issue is specified. When the referenced document has been cancelled and no superseding document has been specified, the last published issue of that document shall apply.

2.1 SAE Publications

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), www.sae.org.

AMS2980 Technical Specification: Carbon Fiber Fabric and Epoxy Resin Wet Lay-Up Repair Material Part 0 – Introduction

AMS2980/1 Technical Specification: Carbon Fiber Fabric and Epoxy Resin Wet Lay-Up Repair Material Part 1 - General Requirements

2.2 ASTM Publications

Available from ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959, Tel: 610-832-9585, www.astm.org.

ASTM D 1652 Standard Test Method for Epoxy Content of Epoxy Resins

ASTM D 2471 Standard Test Method for Gel Time and Peak Exothermic Temperature of Reacting Thermosetting Resins

ASTM D 2896 Total Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration

ASTM E 203 Standard Test Method for Water Using Volumetric Karl Fischer Titration

ASTM E 1252 Standard Practice for General Techniques for Qualitative Infrared Analysis

2.3 EN Publications

Available from CEN-Comité Européen de Normalisation, Secretariat Central, Rue de Stassart 36, B-1050 Bruxelles, Belgium or www.cenorm.be.

EN 6042 Aerospace Series: Analysis of Organic Compounds by Infrared Spectroscopy