



| | | |
|--|---|---------------|
| AEROSPACE MATERIAL SPECIFICATION | AMS3714™ | REV. D |
| | Issued 1981-01 Revised 1995-04 Reaffirmed 2022-08 | |
| Superseding AMS3714C | | |
| Core, Overexpanded Honeycomb, Polyamide Paper Base, Phenolic Coated | | |

RATIONALE

AMS3714D has been reaffirmed to comply with the SAE Five-Year Review policy.

1. SCOPE:

1.1 Form:

This specification covers honeycomb core made of polyamide paper sheets and supplied in the form of blocks, slices, and ordered shapes, the cells of the core being in an overexpanded, rectangular configuration.

1.2 Application:

This honeycomb core has been used typically for bonded sandwich structures requiring high strength and corrosion resistance in the temperature range -67 to +180 °F (-55 to +82 °C), for use in single curvature parts, but usage is not limited to such applications.

1.3 Safety - Hazardous Materials:

While the materials, methods, applications, and processes described or referenced in this specification may involve the use of hazardous materials, this specification does not address the hazards which may be involved in such use. It is the sole responsibility of the user to ensure familiarity with the safe and proper use of any hazardous materials and to take necessary precautionary measures to ensure the health and safety of all personnel involved.

2. APPLICABLE DOCUMENTS:

The following publications form a part of this specification to the extent specified herein. The applicable issue of referenced publications shall be the issue in effect on the date of the purchase order.

SAE Permissive Standards Committee Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is intended to be voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

Copyright © 2022 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER: Tel: 877-606-7323 (inside USA and Canada)
Tel: +1 724-776-4970 (outside USA)
Fax: 724-776-0790
Email: CustomerService@sae.org
http://www.sae.org

SAE WEB ADDRESS:

For more information on this standard, visit
<https://www.sae.org/standards/content/AMS3714D/>