



<b>AEROSPACE MATERIAL SPECIFICATION</b>	<b>AMS3712™</b>	<b>REV. C</b>
	Issued 1974-12 Revised 2001-04 Reaffirmed 2022-08	
Superseding AMS3712B		
Core, Honeycomb, Glass/Polyimide		

## RATIONALE

AMS3712C has been reaffirmed to comply with the SAE Five-Year Review policy.

### 1. SCOPE:

#### 1.1 Form:

This specification covers expanded honeycomb core made of glass cloth or regnated with polyimide resin and supplied in the form of blocks, slices, and ordered shapes.

#### 1.2 Application:

This core has been used typically for bonded sandwich structures requiring high strength and corrosion resistance for long-time service up to 450 °F (232 °C) and short duration up to 700 °F (371 °C), 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 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 canceled and no superseding document has been specified, the last published issue of that document shall apply.

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