

AEROSPACE MATERIAL SPECIFICATION



AMS 4265A

Issued NOV 1994
Cancelled JUL 2000

Superseding AMS 4265

Aluminum Alloy, Particulate Reinforced Extrusions
6092/SiC/25p - T6P
Solution Heat Treated, Quenched, and Precipitation Heat Treated

CANCELLATION NOTICE

This specification has been "CANCELLED" by the Aerospace Materials Division, SAE, as of July 2000. By this action, this document will remain listed in the Numerical Section of the Index of Aerospace Material Specifications noting that it has been cancelled.

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1. SCOPE:

1.1 Form:

This specification covers particulate reinforced aluminum metal matrix composites in the form of extruded shapes.

1.2 Application:

These extrusions have been used typically for structural applications requiring moderate static strength and high elastic modulus, but usage is not limited to such applications.

2. APPLICABLE DOCUMENTS:

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

2.1 SAE Publications:

Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

AMS 2205	Tolerances, Aluminum Alloy and Magnesium Alloy Extrusions
MAM 2205	Tolerances, Metric, Aluminum Alloy and Magnesium Alloy Extrusions
AMS 2355	Quality Assurance Sampling and Testing, Aluminum Alloys and Magnesium Alloys, Wrought Products, Except Forging Stock, and Rolled, Forged, or Flash Welded Rings
MAM 2355	Quality Assurance Sampling and Testing, Aluminum Alloys and Magnesium Alloys, Wrought Products, Except Forging Stock, and Rolled, Forged, or Flash Welded Rings, Metric (SI) Units
AMS 2750	Pyrometry
AMS 2811	Identification, Aluminum and Magnesium Alloy Wrought Products

2.2 ASTM Publications:

Available from ASTM, 1916 Race Street, Philadelphia, PA 19103-1187.

ASTM B 660	Packaging/Packing of Aluminum and Magnesium Products
ASTM D 3553	Fiber Content by Digestion of Reinforced Metal Matrix Composites
ASTM E 18	Rockwell Hardness and Rockwell Superficial Hardness of Metallic Materials

2.3 Federation of European Producers of Abrasive Products::

Available from The British Abrasive Federation, P.O. Box 58, Trafford Park Road, Trafford Park, Manchester M17 1JD Great Britain.

FEPA 42-GB-1984	Standard for Bonded Abrasive Grains of Fused Alumina and Silicon Carbide
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