

Australian Standard[®]

Flexible cellular polyurethane for seat cushioning and bedding

[Defence Title allocated by Codification and Standardisation Authority:
SYNTHETIC (FOAM) RUBBER FOR CUSHIONING, BEDDING AND
OTHER APPLICATIONS
NATO Supply Classification 9320]

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The following interests are represented on Committee PL/36:

Australian Assembly of Fire Authorities
Australian Federation of Consumer Organizations
Australian Furniture Research & Development Institute
CSIRO, Division of Building, Construction and Engineering
Furniture Retailers Council of Australia
The Plastics Industry Association

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**Flexible cellular polyurethane for
seat cushioning and bedding**

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PREFACE

This Standard was prepared by the Standards Australia Committee on Flexible Polyurethane, under the direction of the Multitechnics Standards Policy Board, to supersede AS 2281—1979. It sets out specifications for the physical properties and dimensions of flexible, load-bearing, cellular polyurethane. This revision provides five material classifications which replace the three classifications and associated subgrades of the previous edition. A new nominal hardness grading is also provided.

Fire-retarded polyurethane is not covered by this Standard as agreement could not be reached on the appropriate fire-retardancy test procedures.

Recommendations on the grade and thickness of cellular polyurethane for various applications are also given in Appendix A. This Appendix is intended to serve as a guideline only and not in any way to limit the possible combinations of different grades that are available.

The term ‘informative’ has been used in this Standard to define the application of the appendix to which it applies. An ‘informative’ appendix is only for information and guidance.

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