

## Aluminum Standards and Data Questions and Answers

### **Q: What is Aluminum Standards and Data?**

A: Aluminum Standards and Data is the oldest, most popular and most comprehensive guide for producers and users of aluminum. Sold by the Aluminum Association, this 250+ page book was created to make aluminum standards more accessible and understandable for people in the aluminum industry and those sourcing or specifying. This publication contains the mechanical properties, tolerances, terminology, limits, comparative characteristics, density and toughness of the most common aluminum alloys and product forms. A cross reference to government and agency standards as well as foreign designation are included.

### **Q: Why is it important to the aluminum industry?**

A: This book is important to the industry because it contains information on all commonly produced and used alloys in the industry and is regularly updated by the Association's Technical Committee on Product Standards to reflect change in the industry.

### **Q: Is it true it is the most comprehensive book available for aluminum producers?**

A: This book provides the information that engineers need to design parts and assemblies out of aluminum. The comparative characteristic helps them determine the right balance of characteristics required for their projects. It also includes supporting background information that is valuable in making material selection decisions.

### **Q: How do you update the book and decide what to change?**

A: The Association's Technical Committee on Product Standards updates the book every three years. The committee is comprised of technical standards experts from aluminum producing member companies. The committee members are exposed to changes in the industry, and are best situated to understand what updates need to be made to keep it current. The book is continuously improving in both content and clarity from interpretation questions and suggestions submitted from users of the book. Once new aluminum products are successfully accepted in the market, they are added to the book and removed if demand diminishes. Each new edition will reflect the latest changes to the ANSI standards maintained by the Association.

**Q: How has it changed over the years?**

A: Aluminum Standards and Data's heritage dates back to 1955 and is distinguished as the Aluminum Association's first publication. This publication reflects the growth of the aluminum industry through its development of a growing number of products.

**Q: What are the advantages to owning the book?**

A: Having the latest information on commonly used aluminum mill products requirements provides a common platform for discussions with customers and producers. The standards represent an industry consensus on mill capabilities.

**Q: What industries and businesses would the book be most beneficial?**

A: Anyone making, specifying or using aluminum mill products can benefit from having Aluminum Standards and Data in their reference library.