Designation: B 899 – 04

Standard Terminology Relating to Non-ferrous Metals and Alloys[1]

This standard is issued under the fixed designation B 899; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 To promote precise understanding and interpretation of standards, reports, and other technical writings promulgated by Committee B02.

1.2 To standardize the terminology used in these documents.

1.3 To explain the meanings of technical terms used within these documents for those not conversant with them.

2. Significance and Use

2.1 The terms defined in this document are generic in respect to the standards under the jurisdiction of Committee B02 on Nonferrous Metals and Alloys. The same terms may have different definitions in other ASTM technical committees.

2.2 Some definitions may differ within the committee because of limitations on items such as weights or dimensions. In such cases the terms will be more precisely defined in the *Terminology* section of the standards in which these terms are used.

3. Index of Terms

3.1 *Alphabetical Listing of Terms*

average diameter
bar
billet
can
cathodic protection
coiled sheet
compact
contact resistance
contact resistance probe
die casting
fill pin
fineness
flats
flat sheet
foundry casting
galvanic anode
graphite permanent mold casting
heat
ingot
liquidus
lot
lot number
melt
nominal wall
part
permanent mold casting
pig
pipe
plate
powder
powder blend
precious metals
pressure die casting
producer
rod
rough part
saline electrolyte
sand casting
seamless pipe
semi-permanent mold casting
shapes
sheet
shot
solidus
sponge
spring wire
strip
thin-wall tube
tube
weaving wire
welded pipe
wire

4. Terminology

4.1 *Terms and Their Definitions*

average diameter, *n*—the average of the maximum and minimum outside the diameters, as determined at any one section of the pipe or tube. **B 160, B 161, B 163, B 165, B 167, B 407, B 423, B 444, B 445, B 535, B 622, B 677,**

[1] This terminology is under the jurisdiction of ASTM Committee B02 on Nonferrous Metals and Alloys and is the direct responsibility of Subcommittee B02.91 on Terminology.

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