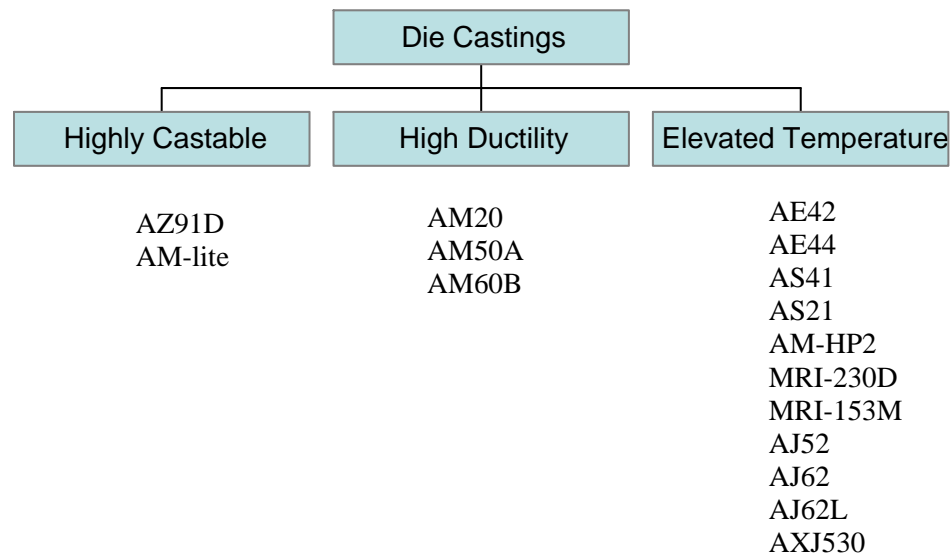


The following flow charts attempt to list important cast magnesium products being made as die castings, sand and permanent mold castings and thixomolding<sup>®</sup> alloy products. In these charts, various alloys are categorized as either highly castable, high ductility, high strength or high temperature to indicate a characteristic for which the product is best known. The charts are illustrative and may not include all products being made. Also, there is some subjectivity as to which characteristic should be associated with each alloy. Users are invited to contact the moderator with comments or additional alloys.

For detailed information on the Magnesium Cast Alloys, visit the [Digital Resource Center](#) on the Magnesium Community of Materials Technology@TMS.



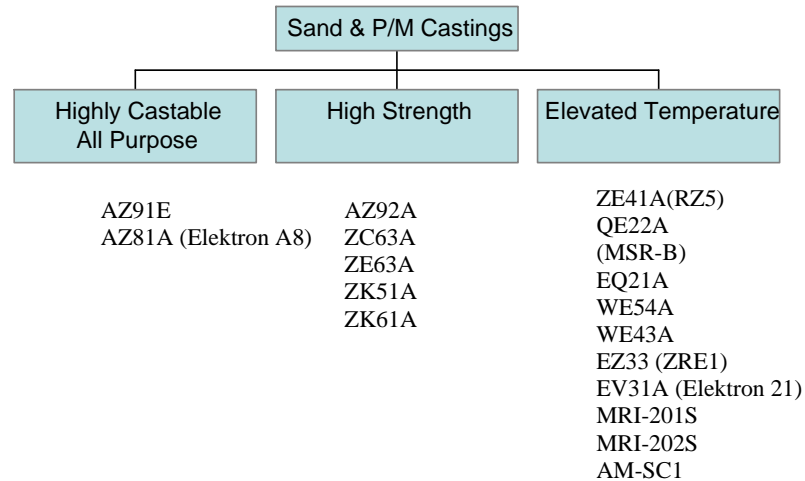
# Magnesium Die Casting Alloys



For detailed information on the Magnesium Cast Alloys, visit the [Digital Resource Center](#) on the Magnesium Community of Materials Technology@TMS.



# Magnesium Sand & P/M Castings



Designations in parentheses are British designations for the ASTM designations which precede them.

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# Magnesium Thixomolding® Alloys

Thixomolding®

AM50A  
AM60B  
AZ91D  
ZAX8506  
Mg-Al-Ca (various)

For detailed information on the Magnesium Cast Alloys, visit the [Digital Resource Center](#) on the Magnesium Community of Materials Technology@TMS.