RADIATION SHIELDING ALLOYS

AIM is a leading global supplier of alloys for radiation shielding applications.

AIM, founded in 1936 with manufacturing and distribution plants throughout the world, has long been a leader in the refining, manufacturing and support of hospital-grade alloys.

AIM offers radiation shielding alloys in low-melt and medium-melt compositions. Our alloys are packaged in convenient 25 pound cartons. AIM also offers alloy analysis and alloy recycling services for the convenience and safety of our customers. Of course, when you work with AIM you receive not only the highest levels of product quality, but the dedicated service and support of our entire organization.

Information On Commonly Used AIM Radiation Shielding Alloys

The **AIM 158** radiation shielding alloy has the lowest melting temperature and ease-of-use of any shielding alloy on the market.

Composition %	
Bismuth	50
Lead	26.7
Tin	13.3
Cadmium	10
Density lb/in^3	0.339
Melting Temp.	158ºF
Pouring Temp.	175-180ºF

AIM 202 is another popular choice for radiation shielding applications. This alloy provides the option of a cadmium-free alloy with a higher melting temperature.

Composition %	
Bismuth	52
Lead	30
Tin	18
Density lb/in^3	0.35
Melting Temp.	202ºF
Pouring Temp.	220-225ºF

Whatever your application, AIM has the radiation shielding alloys and technical support necessary to fulfill your most stringent requirements.

For additional information please contact AIM at
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or visit us on the web at
www.aimsolder.com