Experimental points

Below you can see experimental points you requested.

To get help click on button **Help** in the bottom frame.

All substances are as usual sorted by types. For easy viewing you can use Table of Contents to go directly to the beginning of this type. Just click button **Goto ToC** in the bottom frame.

Under the name of type you'll find a list where you can choose a substance for which you requested points. Then click **Jump** button.

In the right column of each table there are brief reference from which the experimental points are. Clicking this brief reference will open the window with full reference.

You can plot the graph for the selected substances (only for shock compressibility data). To see the graph click on **Goto graph** link at the caption of each table.

Good luck w/ these points ;-)

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Alloys

Select substance: Aluminum AD1 Press: Jump to get the desired substance

Aluminum AD1, wt% Fe(0.3)Si(0.3)Zn(0.1)Ti(0.1)Mg(0.05)Mn(0.025)Cu(0.05)
R_0 = 2.71 g/cc

Data	References
Graph | Plain text | TOP **Target**: Sample density R_0 = 2.71 g/cc, bulk sound velocity C_0 = 5.25 km/s, longitudial sound velocity C_l = 6.4 km/s Sample thickness 14.9 mm (rod) **Loading**: Aluminum impactor 2 mm thick, impactor velocity 450 +/- 20 m/s **Experiment type:** Capacitor gauge	1. G. I. Kanel' et al. 1996
Graph | Plain text | TOP **Target**: Sample density R_0 = 2.71 g/cc, bulk sound velocity C_0 = 5.25 km/s, longitudial	

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