

DEN-220

DENSITY CUBES - SIX METALS

Listed below are the densities of these materials in their purest form. The densities of the included samples will vary slightly. The zinc sample, in particular, contains some aluminum. Based on its actual density, your students can calculate the purity.

<i>Sample</i>	<i>Density g/cm³</i>	<i>Identifier</i>
Pb	11.3	heaviest
Cu	8.9	orange
Fe	7.9	magnetic
Brass	8.6	yellow
Al	2.7	lightest
Zn	7.1	

To avoid rusting, Fe samples have a thin shiny chrome plating. Marks are due to the plating process.

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% Zinc vs Density of ZnAl Sample

