

## Properties of Substances

PURE SUBSTANCE	APPEARANCE	MELTING POINT (0C)	BOILING POINT	DENSITY (g/cm <sup>3</sup> )
ethanol (alcohol)	clear colourless liquid	-115	78	0.8
aluminum	silvery-coloured solid	660	Substance decomposes(break apart) rather than change state.	2.7
sodium bicarbonate (baking soda)	white solid	Substance decomposes(break apart) rather than change state.	Substance decomposes(break apart) rather than change state.	2.2
copper (II) sulphate (bluestone)	Blue solid crystals	Substance decomposes(break apart) rather than change state.	Substance decomposes(break apart) rather than change state.	2.3
carbon (diamond)	Colourless solid crystals	3500	3930	3.5
carbon (graphite)	Grey-black solid	4000	3930	2.3
copper	Shiny reddish solid	1084	2336	9.0
glycerol (glycerine)	Colourless thick liquid	18	Substance decomposes(break apart) rather than change state.	1.2
iron	Grey solid	1535	3000	7.9
lead	Blue-gey solid	327	1750	1.3
calcium carbonate (limestone)	Grey-white solid	Substance decomposes(break apart) rather than change state.	Substance decomposes(break apart) rather than change state.	2.9
naphthalene	White solid	80	216	1.2
sodium chloride (table salt)	White solid	801	1465	2.2
calcium hydroxide (slaked lime)	White solid	Substance decomposes(break apart) rather than change state.	Substance decomposes(break apart) rather than change state.	2.2
sucrose (sugar)	White solid	170	Substance decomposes(break apart) rather than change state.	1.6
Sulphur	Yellow liquid	113	445	2.1
Tin	Silvery-yellowish solid	232	2270	7.3
water	Clear Colorless liquid	0	100	1.0