



Specific heat capacity

The specific capacity (c) of a substance is the amount of heat required to increase the temperature of 1 kg of the substance by 1°C or 1K.

Heat capacity

The heat capacity (C) of an object is the amount of heat energy required to increase the temperature of the total mass of the particular substance by 1°C or 1 K.

HEAT

Law of conservation of heat

Law of conservation of heat states that the amount of heat lost equals the amount of heat gained, when no heat is lost to the surroundings.

