

Caoutchouc

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Description

A French term used in Brazil for the milky sap, or latex obtained from various tropical plants from the species *Hevea* and *Ficus*. Caoutchouc is a natural rubber composed of polymers of isoprene along with minor impurities of other compounds. It has the capacity for reversible deformation at room temperature.

In 1738, a French research, de la Condamine, presented it's properties, The in 1839, C. Goodyear discovered the process of vulcanizations., the name caoutchouc was also used for a commercial rubber-based cement in which a small amount of the elastomer was dissolved in a solvent and mixed with mastic. Today, the material is preferentially called Latex or liquid rubber.



Rubber tree *Hevea brasiliensis*

Synonyms and Related Terms

latex; caucho (Esp.); latex (Fr., Port.); caucciù (It.); liquid rubber; rubber latex; elastic gum; India rubber; elastic bitumen; rubber cement; weeping wood; caout-rubber;



Rubber tree *Hevea brasiliensis*

Physical Properties

- Density = 0.92-0.99

Resources and Citations

- The Free Dictionary history (<https://encyclopedia2.thefreedictionary.com/Rubber%2c+Natural#:~:text=Rubber%2C%20Natural%20caoutchouc%2C%20crude%20rubber%2C%20a%20polymer%20of,considerable%20reversible%20deformation%20at%20room%20temperatures%20and%20lower>)
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