

Blue wood extract

Botanical name	Haematoxylum Campechianum
Origin	South- and Middle America
Colour	Natural dyeing material - blue to violet colours

Specification

The following Hematines are available: HS, HP, CPMK. Detailed information available on request.

Description

Blue wood is named after the strong red tree trunk of the Haematoxylum Campechianum (Logwood), which grows in Middle- and South America and of which only the inner part of the trunk is suitable for extracting Hematine (Blue wood extract). Different colours, from blue to violet, are resulting from pH value and oxidation. A composition with different other dye-wood extracts enables to dye green, brown and even orange.

There are two main classes of Blue wood extracts

Unmodified Hematine: not oxidized, oxidized or semi-oxidized, depending on the required leather or application. Allows dyeing as already practiced for hundreds of years. Depending on the pH-value and the oxidation process different colours can be obtained from blue to violet; a mixture of different dye-wood extracts allows colours from brown to orange. Chemically modified Hematine: depending on product and application oxidized or not oxidized: modified with glucose or natural salts, as these qualities react less sensitive to oxidation. It can be used for surface or penetrating dyeing.

Application

Dyeing of leather (box-calf, glazed kid and burnish cow, velvet skin, chamois leather, etc.), silk, cotton, fleece, nylon, pharmaceutical products, colouring agent for animal nutrition.