

Technical Data Sheet

STRUKTOL® LP 152

Peptizer Dispersion

Additive for the production of premasticated natural rubber

Composition

Aqueous dispersion of aromatic disulfide and metal complex (contains no pentachlorothiophenol)

Properties

Appearance Blue-green liquid

Density [kg/m³] 1100

Solids content [%] 34

pH value 8

Physiological behaviour Refer to safety data sheet

Storage stability At least 6 months when stored in a cool place. Product should be kept in closed containers and stirred thoroughly before application to redisperse settled solids. Transport and storage at temperatures above 6 °C is imperative.

Packaging 125 kg drums, 25 kg cans



Recommendations for Application

STRUKTOL® LP 152 is a liquid (water-based) peptizer dispersion developed for the manufacture of premasticated natural rubber. It can be diluted with water.

STRUKTOL® LP 152 is preferably blended into the latex before coagulation. Afterwards, the highly dispersed product remains in the rubber phase which can be processed in the usual manner. By following this procedure, a much better uniformity of the rubber is obtained than by conventional mastication with chemical peptizers (no formation of "hot spots").

Alternatively, STRUKTOL® LP 152 can be used for the production of premasticated cup lump rubber. In this case, the product is added to the rubber in an early mixing cycle.

Dosage

0.03 - 0.1 phr
(based upon dry rubber)





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