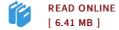


Capillary Action

By Frederic P. Miller

Alphascript Publishing Feb 2010, 2010. Taschenbuch. Book Condition: Neu. 220x150x5 mm. Neuware - Capillary action, capillarity, capillary motion, or wicking refers to two phenomena: 1. The movement of liquids in thin tubes. 2. The flow of liquids through porous media, such as the flow of water through soil. A common apparatus used to demonstrate the first phenomenon is the capillary tube. When the lower end of a vertical glass tube is placed in a liquid such as water, a concave meniscus forms. Surface tension pulls the liquid column up until there is a sufficient mass of liquid for gravitational forces to overcome the intermolecular forces. The contact length (around the edge) between the top of the liquid column and the tube is proportional to the diameter of the tube, while the weight of the liquid column higher than a wide tube. In hydrology, capillary action describes the attraction of water molecules to soil particles. Capillary action is responsible for moving groundwater from wet areas of the soil to dry areas. Differences in soil potential (m) drive capillary action in soil. 80...



Reviews

Thorough information for pdf fans. It really is rally interesting through looking at time. I am easily will get a satisfaction of studying a published pdf. -- Autumn Bahringer

It in a single of the most popular ebook. Indeed, it can be play, still an interesting and amazing literature. I am quickly will get a satisfaction of reading a created pdf.

-- Lennie Renner