Bitumens, asphalts, and tar sands; 9780080868615; 2011; Elsevier, 2011; 330 pages

asphalt - a mixture of dark bituminous pitch with sand or grave. bitumen - a black viscous mixture of hydrocarbons obtained naturally or as a residue from petroleum distillation. Of these, tar is the most generic term, because tars can occur naturally or by distillation or chemical reaction. Some extra info - Both Bitumen and Tar usually get confused because both are Black in color and used as binder in Asphalt/Mix Design. But now days Tar is not used because of its Carcinogenic property. Source-Internet☺ï¸

32. Bitumens extracted from Nigerian tar sands were analysed for major and trace elements by the ASTM method and fast neutron activation analysis and further characterised by liquid and gas chromatography. A comparison with mean values for seven conventional Nigerian light crudes and an Athabasca bitumen was made. View. Show abstract. Pulverization of the tar sands followed by agglomeration in a mechanical shaker resulted in spherical agglomerates having higher bitumen contents than the mined tar sand. The extent of beneficiation was 4% and 19% for the high grade and low grade sands, respectively. Temperature, agitation, and tar sand/solvent (S/L) ratios were found to be significant variables affecting the dissolution of bitumen from the sand. Oil sands, tar sands, crude bitumen, or bituminous sands, are a type of unconventional petroleum deposit. Oil sands are either loose sands or partially consolidated sandstone containing a naturally occurring mixture of sand, clay, and water, soaked with bitumen, a dense and extremely viscous form of petroleum. Significant bitumen deposits are reported in Canada, Kazakhstan, Russia, and Venezuela. The estimated worldwide deposits of oil are more than 2 trillion barrels (320 billion cubic metres); the Petroleum engineering book. Original Title. Bitumens, Asphalts, And Tar Sands. Copyright. © © All Rights Reserved. Developments in Petroleum Science, 7. BITUMENS, ASPHALTS and TAR SANDS Edited by G.V. CHILINGARIAN Professor, His Imperial Majesty Shahanshah Arya Mehr Pahlavi Chair, Department of Petroleum Engineering, University of Southern California, Los Angeles, Calif., U.S.A., and Abadan Institute of Technology, Abadan, Iran. Because of practically global availability of bitumens, asphalts, and tar sands, these natural deposits could offer a significant supplement to the waning oil and gas reserves. Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes. 27. 14. Bitumen and asphalt, natural; bituminous or oil-shale and tar sands; asphaltites and asphaltic rocks. 27. Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes. 27. 14. Bitumen and asphalt, natural; bituminous or oil-shale and tar sands; asphaltites and asphaltic rocks. There are important notes for classifying your goo... Bituminous or oil-shale and tar sands. 20%. 0.00 %.