

عنوان مقاله:

A New Method to Produce Pigmentable Bitumen

محل انتشار:

اولین همایش بین المللی قیر (سال: 1387)

تعداد صفحات اصل مقاله: 5

نویسندگان:

(Ali Akbar Yousefi - Institute for Colorants, Paint and Coatings (ICPC

(Azam Yousefi - Institute for Colorants, Paint and Coatings (ICPC

خلاصه مقاله:

Color is the most informative tool for human perception of his environment. Colors play an essential role in human psychology and environment esthetic. Roads and streets are amongst the important components of today's life especially in mega metropolitans. Almost all streets, roads and highways are paved by bitumen-based asphalts. Bitumen inherently is black in color and almost all bituminous products such as hot-mix asphalt are black. This is the reason for our habitude to know the black color as standard color for roads and any pavement. To answer the needs of modern constructions we ought to have bitumen in warm and cold colors such as red, green blue etc. Here, we report a new method to prepare pigmentable (colored) bitumen in a vast range of colors using vacuum bottom residue. The resulting bitumens are of suitable colors and physical properties as those of standard 60/70 penetration grade bitumen.

کلمات کلیدی:

pigmentable bitumen, asphalt, color

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/49512>

