

***EFFECT OF NATURAL RUBBER ON
CHARACTERISTICS
AC-WC ASPHALT MIXTURE***

Name : Syaahibul Iqbal A.
Student ID Number : 4130201345
Advisor : Lizar, M.T

ABSTRACT

Latex is natural rubber that comes from Indonesian plantations. The use of natural rubber aims to modify asphalt without changing the quality and quality of the asphalt mixture. The research used the marshall test method with reference to the 2018 Binamarga specifications. In this study the results of the asphalt content analysis were planned to obtain results on a variation of 5.5% asphalt content which was used as a composition in the manufacture of AC-BC asphalt mixture using natural rubber. The results obtained from variations of natural rubber 4%, 5%, 6%, 7%, 8%, 9%, 10% the Optimum asphalt content values are obtained at variations of 4%, 5%, 6%, 7% which meet the values and standard specifications of the binamarga 2018 with the highest stability value found in the variation 7%.

Keywords: AC-BC, natural rubber (latex), marshall test