Briquettes From Peanut Skin Using Jackfruit Seed Adhesive

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ABSTRACT

Biomass raw materials that can be used one of them is Peanut Skin using Jackfruit Seed Adhesive, peanut skin and jackfruit seeds are abundant around the community and underutilized. The purpose of this study is to find out the composition of the best adhesive comparison variation of briquettes from peanut skin using jackfruit seed adhesive and make the best characteristics of briquettes. The research methods used are experimental methods and the physical characteristics of briquettes. The results of the study found that peanut skin briquettes using jackfruit seed adhesive approached SNI and did not approach commercial quality standards and british briquette quality standards. Where in this composition has a heat value of 4,342.19 cal / g, water content 4.12 %, and ash content of 3.8 %. This suggests that the raw material of peanut skin through carbonization methods can be used as raw materials in the manufacture of briquettes and jackfruit seed adhesivesused as adhesive materials with consideration of adhesive mixing or variations in adhesive use.

Keywords: *Biomass, Peanut Skin, Jackfruit Seeds, Briquette SNI*