

**ANALISA KEKUATAN(Uji Tarik) DAN KETANGGUHAN(Uji Impact)  
PADA *HYBRID FIBER COMPOSITE* MENGGUNAKAN SERAT  
PELEPAH PALEM PUTRI DAN SERAT BULU AYAM**  
Power Analysis (Test) And Sustainable (Impact Test) On Computer Hybrid  
Component Using Fiber Palem Fiber And Fiber Chicken

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***ABSTRACT***

The matrix in the composite is used to distribute the load into all fiber reinforcement materials. The nature of the matrix is usually "ductile" (ductile). Based on the above description of the background, the author will conduct research on fiber-making with palm fiber and chicken feathers. In this research the fiber characteristics to be known are physical properties and mechanical properties of fiber fibrous fibers fibers daughter and chicken feathers. With fariation layout of chicken feathers lurus and random chicken feathers. Using tensile test and impact test tools

**Keywords:** strength, shock resistance, straight layout and random layout