

K-dle

Eco-Friendly Cushion FROM RUBBER TREE

Green Material

Natural rubber (NR) latex" was carefully chosen as a biopolymer from rubber tree (*Hevea brasiliensis*). This sustainable material resource is the big bonus point of the ability to lower carbon footprint by growing the rubber tree, making the farmer happy.

Processing

Microwave-assisted vulcanization plays a key role making the process become greener. Through optimization process, we reduced production time and energy consumption by 7.5 folds as compared to the conventional process.

Biodegradable

K-dle is made to be resilient, biodegradable. Several microbes ingest NR for their carbon source. We give K-dle boost for its biodegradation rate by incorporating natural fiber, which helps double initial degradation rate in K-dle product.

Performance

tested and proofed to be as good as the commercial cushion. We can also adjust the cushion performance to meet the requirement of your produce.



tatiya@sut.ac.th



School of Polymer Engineering
Suranaree University of Technology



JOIN US FOR SUSTAINABLE
DEVELOPMENT

with the passion to make
packaging better for the world