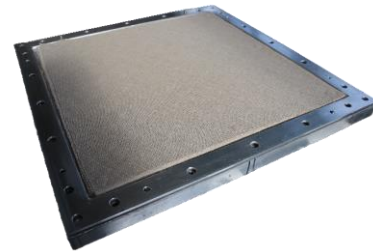
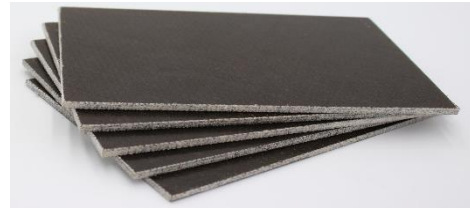
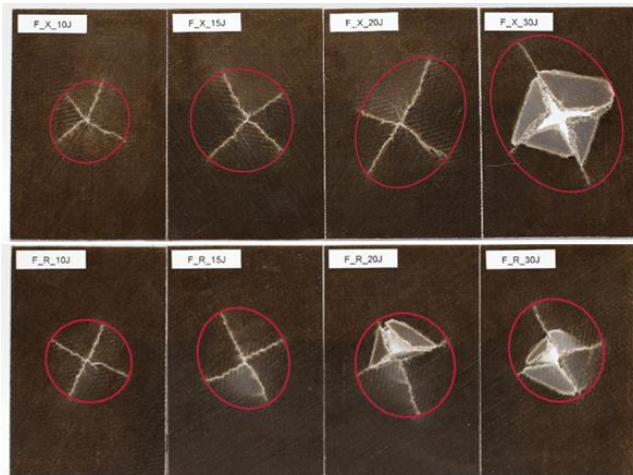


HiWi / Studienarbeit



Topic Manufacturing and Mechanical Testing of Natural Fiber Composites (NFC) with a Natural Rubber (NR) Interlayer

- Tasks***
- Conduct a literature review.
 - Propose potential optimizations for the manufacturing process to increase bonding between NFC and NR.
 - Support the workshop technician during manufacturing.
 - Conduct mechanical tests (impact, compression after impact, tensile, and compression).
 - Refine and optimize parameters based on test results.
 - Document findings.

*Tasks outlined are open for discussion and may be adjusted based on individual skills and interests.

Contact Teresa Nirmala, M.Sc., IFL Raum 022
teresa.nirmala@tu-braunschweig.de, Tel. 0531 / 391 9912

- Requirements**
- Knowledge/experience in composite manufacturing.
 - Knowledge/experience in mechanical testing.
 - Fluent in German.
 - Able to communicate in English.
 - Good problem-solving skills.

Start Immediately
