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- Reinforcement of wood adhesives with nanocellulose
- Development of nanocellulose reinforced wood composites and bionanocomposites
- Mechanical, thermal, chemical, and morphological properties of adhesives, biomaterials, and composites



TUBITAK Marmara Research Center
Chemistry Institute

- Medical applications of NC composites
- Development of NC production technologies
- Regenerated cellulose-based medical textile



Analytical Equipments

- NMR
- HPLC
- GC-MS
- GC-FID
- MALDI-TOFF
- FTIR
- DMTA/TMA
- TGA/DTA
- DSC
- SEM
- XRD
- Melt flow index meter
- Fire tests
- Membrane conductivity test system

Pilot Plants

- For high performance engineering polymers
- Reactors: 30 liter to 1 tone with special equipments

Turkey

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