

Nanocomposites

Production of rubber and cellulose nanocomposites



Photo: Felipe Da Rosa



Embrapa
Agroenergy

Production of rubber and cellulose nanocomposites

Raw material

Latex

Process

Addition of fibers

End product

Production of rubber and cellulose nanocomposites

Process for obtaining rubber and cellulose nanocomposites using natural rubber and cellulose nanofibers to produce reinforced elastomeric material.

Applications

- + Production of rubber goods.

Advantages

- + Renewable material.
- + Alternative to vulcanized rubber.
- + Rubber goods with greater resistance.

Stage ► TRL/MRL 3 - Lab scale

Take this technology to another stage



Research with us for other potential uses



Make this technology the basis of your incubated company

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