

## SONAE INDÚSTRIA, SGPS, SA

### Foundation

- 1959

### Turnover

- 1.3 billion €

### Employees

- 5,000 +

### Plants

- 27 worldwide

### Production

- 7 million tonnes of wood processed annually

### Branches

- Wood technology
- Wood product manufacturers

### Key materials

- Wood based panels
- Wood Polymer reinforcers

### Key bio-based products

- Woodforce

### Other products

- Wood-based panels (Particles, PB, OSB)
- High pressure decorative laminates
- Chemical products
- Value added products and services

### Link to Agrobiobase



### Product

As one of the largest wood product manufacturers in the world, Sonae Indústria can proudly introduce Woodforce. Designed to reinforce polymers, this new and renewable raw material is an easy-dosing product, meeting all of the industrial efficiency objectives of the polymer compounding industry.

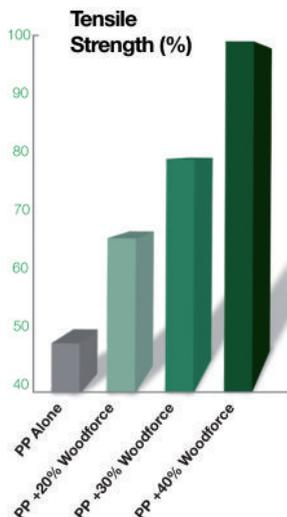
This brand new patented technology makes compounders meet sustainable development demand from their customers, whilst maintaining product performance, industrial efficiency, profitability and competitiveness. Supply and quality will never suffer due to an unpredictable climate.

Woodforce is naturally consistent, environmentally sustainable and process friendly. The “ready to use” long wood fibre pellets will produce reinforced thermoplastic parts by injection moulding, extrusion, blow-molding and thermoforming.



### The performance

Woodforce fibre provides excellent reinforcement properties comparable to those of standard glass fibre, other natural fibres, and much better than those obtained with particle shaped natural fillers. It's compatible with most blends of polymers and designed for optimum dispersion within the matrix. Independent research institutes and industrial partners have validated the excellent polymer reinforcement properties of Woodforce.





### The power of nature

- Woodforce is made of a renewable material and is recyclable.
- Woodforce is good for the environment, helping trees to capture CO<sub>2</sub> from the atmosphere and sequester it.
- Woodforce uses locally sourced wood fibre from certified forests (FSC and PEFC programs).
- Woodforce manufacturing consumes little energy relative to glass fibre manufacturing.

### Industrial performance

- Woodforce comes ready to use, with constant properties, and as a homogeneous product.
- Woodforce is easier to dose than any other fibre.
- Woodforce manufacturing capacity is in place as it relies on existing and compatible manufacturing processes.
- Woodforce is not dependent on seasonal production as wood is harvested all year long.
- Woodforce creates no health and safety hazard in your plant (no dust).
- Woodforce is sought after on injection equipment as it guarantees longer life compared to using glass fibre.
- Woodforce colour matches for design opportunities.

Woodforce is a high aspect ratio fibre



### Contact

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