

## NAT-PREG N125T

Tg 125 °C epoxy prepreg - Toughened epoxy prepreg, with excellent adhesion performances ideal for sandwich and monolithic structures with good aesthetical results.



**NAT-PREG**  
*N125T is a epoxy prepreg.  
Toughened epoxy prepreg.*

## Description

NAT-PREG N125T is a toughened epoxy prepreg that can be cured from 120°C to 150°C. Typical applications of this system include primary and secondary structural components and sandwich panels for various applications. It is highly recommended for sandwich structures due to its high adhesion to honeycomb and foam cores.

## Key features

- Good mechanical performances
- Tg 125°C- E' DMA
- Outstanding adhesion properties
- Controlled flow
- Good aesthetical properties
- Very good cured surface finish
- Very good drape and tack
- Suitable for a wide range of cure temperatures

## Suggested applications

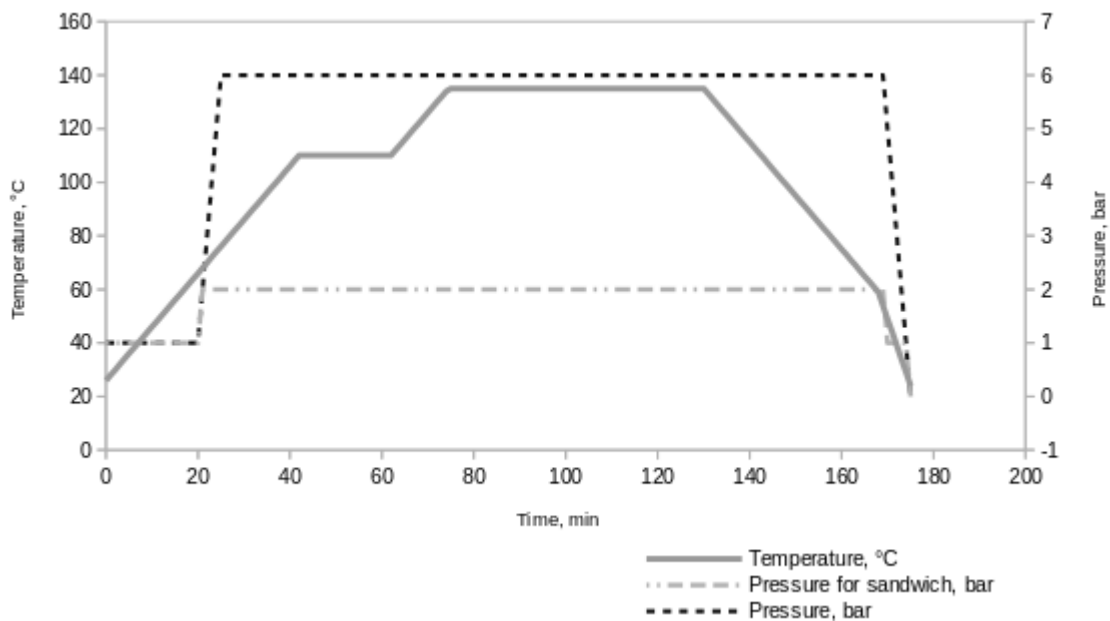
- Primary and secondary structural components
- Sandwich structures and panels
- Monolithic components

## Mechanical Properties of Prepreg Laminates

Tests carried out on a 2x2 Twill high strength carbon fabric prepreg cured following the standard curing cycle.

Property	Method	Unit	Value CF200T2HS
Tensile Modulus 0°	ASTM 3039	GPa	54
Tensile Strength 0°	ASTM 3039	MPa	749
Interlaminar Shear Strength	ASTM D2344	MPa	61

**Standard curing cycle**



Temperature °C	Time	Tg °C E' (DMA)	Tg °C Peak Tan δ (DMA)
135	60	125	140

Disclaimer: All technical information contained in this document are based on tests believed to be accurate by Nano-Tech S.p.A. The method and circumstances under which these materials are processed and tested are keys to the material performances. Nano-Tech advises to apply the suggested cure cycle to achieve the best thermal and mechanical properties. Nano-Tech S.p.A gives no warranty for results obtained with different curing cycles and for specific uses and applications. Any user should determine the suitability of the products for their intended use and should assume all risks and liability in connection.