

Report number: 436SATM10 – 2

LOAD CAPACITY ON PROFILES - REF.: 40 x 20 x 2000P

Load capacity of the profiles

The maximum loads are calculated according to the following conditions:

- The maximum bending is $< L/150$
- The tests were done using a 200kN-capacity mechanical universal-testing machine

| Profile Length (spam) | 3 points bending test | 4 points bending test |
|-----------------------|-----------------------|-----------------------|
| 500 mm | 1087 N | 1458 N |
| 1000 mm | 340 N | 460 N |
| 1500 mm | 169 N | 213 N |

General observations:

- Fundació CTM Centre Tecnològic is not responsible for the validity of the additional information provided by the Customer (samples identification, technical documentation, etc.).
- The presented results refer exclusively to the material provided to the laboratory, as it is indicated in the corresponding paragraph, and tested under the conditions described in the norm/s and/or procedure/s mentioned in this document.
- Once the study is finished and in the case that the Customer doesn't claim for the provided samples, they will be eliminated in a period of time less than 6 months from the delivery date of the final technical report.
- It's not allowed the partial or total reproduction of this document without the written permission of the manager of Fundació CTM Centre Tecnològic.

Manresa 11 - 11 - 2010

Carles Abad

Materials Laboratory Manager of Fundació CTM Centre Tecnològic

TECNIO
Be tech. Be competitive