



a Mérieux NutriSciences Company

Test report n. **20RP03178**

Date of issue, **02/12/2020**

The Italian version of the present test report exists

Client: **ECOBETON ITALY SRL, VIA G. GALILEI N. 47 – 36030 COSTABISSARA (VI)**

Sampling

Sampling by: **client on 15/10/2020**

Origin: **CLIENT'S WORK**

Taken from: **CLIENT**

Delivery date: **15/10/2020**

Acceptance date: **21/10/2020**

Test date: **from 28/10/2020 to 25/11/2020**

Object: **characterization**

Sample	Sample description	Type of sample
20DM21684	CRONO PREPARED ON 09/10/2020 #	MORTAR PRISMS 40x40x160 mm

UNI EN 1770:2000 Determination of the coefficient of thermal expansion

Reference	Parameter	U.M.	Test result
20DM21684	method: thermo-mechanical test	-	-
20DM21684	number of specimen	-	3
20DM21684	specimen dimensions	mm	31.6x6.0x6.1
20DM21684	Coefficient of thermal expansion specimen 1	°C ⁻¹	7.1x10 ⁻⁶
20DM21684	Coefficient of thermal expansion specimen 2	°C ⁻¹	7.4x10 ⁻⁶
20DM21684	Coefficient of thermal expansion specimen 3	°C ⁻¹	6.1x10 ⁻⁶
20DM21684	Coefficient of thermal expansion* (average value)	°C⁻¹	6.9x10⁻⁶

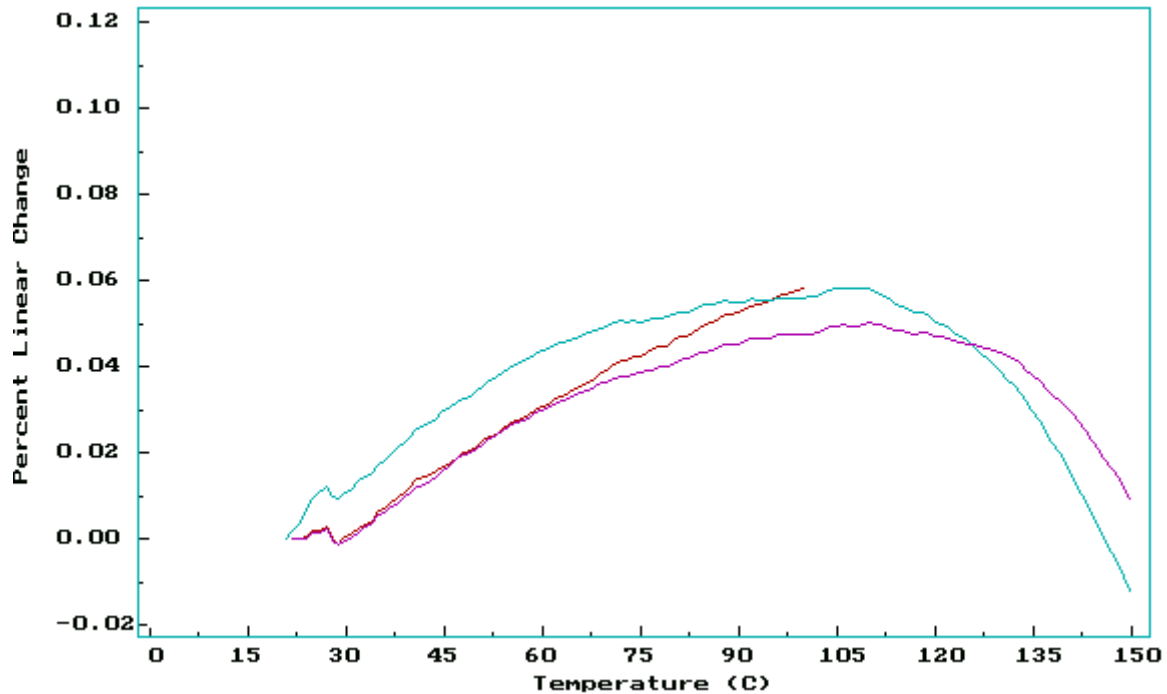
*Note: range of calculation of coefficient of thermal expansion: from 30 to 100 °C

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Diagram: linear thermal expansion / temperature



Geotechnical Department – The director
Dr. Geol. Massimo Bonato

Disclaimer:

Document signed with digital signature D lgs n. 82 del 7 marzo 2005 e s.m.i.

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>> Extended Uncertainty U, K factor = 2 (confidence level of 95 %) unless otherwise indicated - § test carried out by an external laboratory qualified in accordance with PG010 - N.A. not applicable. Sample storage time: the samples are kept in the laboratory 30 days after the issue of the test report (except for the products available that are eliminated at the end of the analysis or at expiry). For storage longer than a month, a specific request must be made. Record keeping time: the laboratory keeps a copy of the test reports for a period of 4 years and a copy of the records relating to the analyzes for 4 years, except for special customer requests; all documents relating to the tests for product homologation are kept for 10 years. Unless otherwise specified, any conformity / non-conformity judgments reported refer to the analyzed parameters and are based on the comparison of the value with the reference values without considering the confidence interval of the measurement.

Information provided by the customer. If both the description of the sample and the sampling are attributable to the customer, all the other data associated with the sampling are also provided by him. **If the sampling is not carried out by the laboratory, the results obtained are considered to refer to the sample as received and the laboratory declines its responsibility for the results calculated considering the sampling data provided by the Customer.**

Test report 20RP3178 end