

ISO 11359-2:2021-11 (E)

Plastics - Thermomechanical analysis (TMA) - Part 2: Determination of coefficient of linear thermal expansion and glass transition temperature

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	2
5	Apparatus	2
6	Test specimens	2
6.1	Preparation	2
6.2	Conditioning	3
7	Procedure	3
7.1	Calibration of apparatus	3
7.2	Determination	3
8	Expression of results	4
8.1	Method of calculation	4
8.1.1	Differential coefficient of linear thermal expansion,	4
8.1.2	Mean coefficient of linear thermal expansion,	5
8.1.3	Glass transition temperature	6
8.1.4	Representative temperature	7
8.2	Precision	7
9	Test report	7
Annex A (informative)	Precision and reproducibility data for the determination of the mean coefficient of linear thermal expansion using TMA	9
Bibliography		10