

# ISO 7823-3:2021 (E)

## Plastics — Poly(methyl methacrylate) sheets — Types, dimensions and characteristics — Part 3: Continuous cast sheets

---

### Contents

	Foreword	
1	Scope	
2	Normative references	
3	Terms and definitions	
4	Composition	
5	General requirements	
5.1	Protective coverings	
5.2	Appearance	
5.2.1	Surface defects	
5.2.2	Inclusion defects	
5.2.3	Classification of defects	
5.2.4	Distribution of defects	
5.3	Colour	
5.4	Dimensions	
5.4.1	Length and width	
5.4.2	Thickness	
5.4.3	Tolerances for other sheet sizes	
5.4.4	Conditions of measurement	
5.5	Basic and other properties	
5.5.1	Basic properties	
5.5.2	Other properties	
6	Test methods	
6.1	General	
6.1.1	Sampling	
6.1.2	Conditioning and testing atmospheres	
6.1.3	Preparation of test specimens	
6.1.4	Specimen thickness	
6.2	Appearance	
6.3	Colour	
6.4	Dimensions	
6.5	Mechanical properties	
6.6	Thermal properties	
6.7	Flammability	
6.8	Optical properties	
6.9	Other properties	
7	Retest and rejection	
Annex A	(normative) Determination of dimensional change on heating (shrinkage)	
A.1	Specimens	
A.2	Heating procedure	
A.3	Cooling procedure	
A.4	Calculation	
A.5	Test report	