

ISO 7214:2012-04 (E)

Cellular plastics - Polyethylene - Methods of test

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Test specimens	2
4	Conditioning	2
5	Atmosphere during test	2
6	Measurement of dimensions	2
7	Mandatory tests	3
7.1	Apparent density	3
7.2	Compressive stress	3
7.3	Compression set	3
7.4	Tensile strength and elongation	3
7.5	Dimensional stability at elevated temperature	3
7.6	Water absorption	4
7.7	Burning characteristics	5
8	Optional tests	5
8.1	Dynamic cushioning performance	5
8.2	Compressive creep	5
8.3	Thermal conductivity	6
8.4	Water-vapour transmission	6
8.5	Dynamic stiffness	6
8.6	Cell count	6
8.7	Tear strength	6
8.8	Permanent set after repeated compression	7
9	Test report	8
Annex A (normative) Cell count procedure		10