

ISO 22762-1:2010-11 (E)

Elastomeric seismic-protection isolators - Part 1: Test methods

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		2
4 Symbols and cross-section of isolator		4
5 Rubber material tests		9
6 Isolator tests		14
Annex A (normative) Determination of accelerated ageing conditions equivalent to expected life at standard laboratory temperature (23 °C or 27 °C)		55
Annex B (normative) Inertia force correction		58
Annex C (normative) Friction force correction		60
Annex D (normative) Determination of coefficient linear thermal expansion		63
Annex E (informative) Alternative methods of determining shear properties		65
Annex F (informative) Creep test		67
Annex G (informative) Determination of reaction force due to low-rate deformation		69
Annex H (informative) Durability investigation of elastomeric isolators used for 10 years in a bridge		71
Annex I (informative) Durability investigation of elastomeric isolators used for seven years in a building		73
Bibliography		77