

ISO 22762-3:2010-11 (E)

Elastomeric seismic-protection isolators - Part 3: Applications for buildings - Specifications

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Symbols		4
5 Classification		7
6 Requirements		9
7 Design rules		20
8 Manufacturing tolerances		25
9 Marking and labelling		31
10 Test methods		32
11 Quality assurance		32
Annex A (normative) Tensile stress in reinforcing steel plate		33
Annex B (informative) Determination of ultimate property diagram based on experimental results ...		35
Annex C (informative) Minimum recommended physical properties of rubber material		38
Annex D (informative) Effect of inner-hole diameter and second shape factor on shear properties ...		39
Annex E (informative) Determination of compressive properties of elastomeric isolators		42
Annex F (informative) Determination of shear properties of elastomeric isolators		45
Annex G (informative) Method of predicting buckling limit at large deformations		50
Annex H (informative) Design of fixing bolts and flanges		57
Bibliography		60