

ISO 23711:2022-10 (E)

Elastomeric seals - Requirements for materials for pipe joint seals used in water and drainage applications - Thermoplastic elastomers

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Classification	2
5	Finished-seal requirements	2
5.1	Dimensional tolerances	2
5.2	Imperfections and defects	2
5.3	Hardness	3
5.4	Tensile strength and elongation at break	3
5.5	Compression set in air	3
5.5.1	General	3
5.5.2	Compression set at 23 °C and 70 °C	3
5.5.3	Low temperature compression set at -10 °C	3
5.6	Accelerated ageing in air	3
5.7	Stress relaxation in compression	3
5.8	Stress fall	4
5.9	Volume change in water	5
5.10	Ozone resistance	5
5.11	Change in volume in oil [for type WH only (see Table 3)]	6
6	Test pieces and temperature	7
6.1	Preparation of test pieces	7
6.2	Test temperature	7
7	Quality assurance	7
8	Storage	7
9	Designation	7
10	Marking and labelling	8
Annex A (informative) Quality assurance		9
Annex B (informative) Guidance on storage of seals		10
Bibliography		11