

ISO 5892:2024-08 (E)

Rubber building gaskets - Materials for preformed solid vulcanized structural gaskets - Specification

Contents		Page
Foreword.....		iv
1	Scope.....	1
2	Normative references.....	1
3	Terms and definitions.....	1
4	Types of material.....	2
5	Working temperature range.....	2
6	Material and workmanship.....	2
7	Dimensions and tolerances.....	2
8	General requirements.....	3
	8.1 Test pieces.....	3
	8.2 Hardness.....	3
	8.3 Tensile strength and elongation at break.....	3
	8.4 Compression set.....	3
	8.4.1 Compression set at elevated temperatures.....	3
	8.4.2 Compression set at low temperatures.....	3
	8.5 Accelerated ageing.....	3
	8.6 Ozone resistance.....	4
	8.7 Summary of property requirements.....	4
9	Optional requirements and recommendations.....	4
	9.1 General.....	4
	9.2 High-ozone resistance.....	4
	9.3 Holding force.....	4
	9.4 Watertightness.....	5
	9.5 Flammability.....	5
	9.6 Contact and migration staining.....	5
	9.7 Low-temperature brittleness.....	5
	9.8 Lifetime estimation.....	5
	9.8.1 General.....	5
	9.8.2 Method 1 by stress relaxation.....	5
	9.8.3 Method 2 by compression set.....	5
	9.8.4 Summary of optional property requirements.....	6
	Annex A (informative) Holding force test.....	7
	Annex B (informative) Remarks regarding the lifetime estimation in 9.8.....	10
	Bibliography.....	11