

DIN 28090-2:2014-11 (E)

Static gaskets for flange connections - Gaskets made from sheets - Part 2: Special test procedures for quality assurance

Contents	Page
Foreword	3
1 Scope	4
2 Normative references	4
3 Quantities, symbols and units	5
4 General	7
5 Sampling, forms and conditioning of specimens	7
6 Checking the appearance of the gasket material	7
7 Checking the dimensions and mass	7
8 Determination of density	7
9 Testing deformation behaviour	8
9.1 Apparatus	8
9.2 Test procedure (long-term)	8
9.2.1 General	8
9.2.2 Deformation behaviour at ambient temperature	9
9.2.3 Deformation behaviour at elevated temperatures	9
9.3 Test procedure (short-term)	9
9.3.1 General	9
9.3.2 Deformation behaviour at ambient temperature	10
9.3.3 Deformation behaviour at elevated temperatures	11
10 Determination of leakage behaviour	11
11 Determination of chloride content in graphite-based gasket materials	11
11.1 Principle	11
11.2 Sampling	11
11.3 Procedure	11
11.4 Evaluation	12
12 Determination of the oxidation resistance of graphite	12
12.1 Apparatus	12
12.2 Sampling	12
12.3 Conditioning	12
12.4 Procedure	12
12.5 Evaluation	12
13 Test report	13