

DIN EN ISO 23936-1:2009-12 (E)

Petroleum, petrochemical and natural gas industries - Non-metallic materials in contact with media related to oil and gas production - Part 1: Thermoplastics (ISO 23936-1:2009); English version EN ISO 23936-1:2009

Inhalt	Seite
Introduction.....	4
1 Scope	5
2 Normative references.....	5
3 Terms, definitions and abbreviated terms	6
3.1 Terms and definitions	6
3.2 Abbreviated terms	7
4 Functional requirements.....	8
4.1 General	8
4.2 Pipelines, piping and liners	9
4.3 Seals, washers and gaskets	14
4.4 Encapsulations, electrical insulations, injection lines	16
5 Requirements for technical information	16
6 Requirements for manufacturers.....	17
6.1 General requirements	17
6.2 Raw material manufacturer	18
6.3 Component manufacturer	18
6.4 Validity of qualification	18
7 Qualification of thermoplastic materials.....	18
7.1 General	18
7.2 Requirements for chemical resistance tests	18
Annex A (informative) Typical chemical properties of commonly used thermoplastic materials in media encountered in oil and gas production	20
Annex B (normative) Test media, conditions, equipment, procedures and test report requirements	24
Bibliography.....	29