

ISO 18692-2:2019 (E)

Fibre ropes for offshore stationkeeping — Part 2: Polyester

Contents

	Foreword
1	Scope
2	Normative references
3	Terms and definitions
4	Materials
5	Requirements — rope properties
5.1	Minimum breaking strength
5.2	Minimum core tenacity
5.3	Dynamic stiffness at end of bedding-in
5.4	Torque properties
5.5	Cyclic loading performance
5.6	Particle ingress protection
6	Requirements — Rope layout and construction
7	Rope testing
7.1	Type test
7.1.1	General
7.1.2	Sampling
7.1.3	Breaking strength, core tenacity and stiffness tests
7.1.4	Cyclic loading endurance test
7.1.5	Linear density test
7.1.6	Protective cover thickness
7.2	Testing of current production
8	Report
9	Certification
10	Marking, labelling and packaging
Annex A	(normative) Fibre qualification and testing
A.1	General
A.2	Fibre testing (yarn-on-yarn abrasion performance — marine grade fibres)
A.2.1	Qualification testing (efficiency)
A.2.2	Qualification testing (persistence)
A.2.3	Testing of current production
Annex B	(informative) Additional information and guidance
B.1	General
B.2	Cyclic loading endurance test (7.1.4 and ISO 18692-1:2018, B.5)
B.3	Testing of current production (7.2)
B.4	Marine grade yarn qualification testing (persistence) (A.2.2)