ISO/PAS 22101-5:2024-07 (E)

Polyethylene reinforced with short glass fibres (PE-sGF) piping systems for industrial applications - Part 5: Fitness for purpose of the system

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 2

4 Fitness for purpose of pipes and/or fittings assemblies 2
4.1 Method of preparation of assemblies for testing 2
4.1.1 General 2
4.1.2 Electrofusion joints 2
4.1.3 Butt fusion joints 3
4.2 Requirements for fitness for purpose of the system 3
4.2.1 General 3
4.2.2 Fitness for purpose of the system for electrofusion joints 3
4.2.3 Fitness for purpose of the system for butt fusion joints 4
4.3 Conditioning 5
4.4 Requirements 5

5 Design coefficient 6
5.1 PE-sGF compound 6

Bibliography 7