DIN EN 12814-3:2014-07 (E)

Testing of welded joints of thermoplastics semi-finished products - Part 3: Tensile creep test

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Symbols and designations 5

5 Principle of the test 6

6 Sampling procedures 7

7 Dimensions of test specimens 7

8 Cutting and preparation of test specimens 9

9 Mechanical testing 10

10 Test equipment 10

11 Determination of the long-term welding factor 11

12 Test report 13

Annex A (informative) Resistance to slow crack growth 15

Annex B (informative) Whole pipe tensile creep rupture test 18

Annex C (informative) Minimum creep rupture time of the parent material (ttm) for applicability of the long-term welding factor 21

Annex D (informative) Testing of socket joints 22

Bibliography 25