DIN EN ISO 17668:2016-06 (E)

Zinc diffusion coatings on ferrous products - Sherardizing - Specification (ISO 17668:2016)

Contents

Page

European foreword 3

Foreword 4

Introduction 5

1 Scope 6

2 Normative references 6

3 Terms and definitions 6

4 General requirements 8
4.1 Surface condition base material 8
4.2 Information to be supplied by the purchaser 8

5 Acceptance inspection and sampling 8

6 Coating properties 9
6.1 Appearance 9
6.2 Thickness 9
6.2.1 General 9
6.2.2 Test methods 9
6.2.3 Reference areas 10
6.2.4 Magnetic method or electro-magnetic method 10
6.2.5 Gravimetric method 10
6.2.6 Thickness requirements 10
6.3 Acceptance criteria 11
6.4 Additional clearances for threaded components 11

7 Ceritificate of compliance 11

Annex A (normative) Information to be supplied by the purchaser to the sherardizer 12

Annex B (informative) Determination of thickness 13

Annex C (informative) General information 15

Annex D (informative) Corrosion resistance of sherardized layers 17

Bibliography 18