DIN EN ISO 12153:2023-03 (E)

Welding consumables - Tubular-cored electrodes for gas-shielded and non-gas shielded metal arc welding of nickel and nickel alloys - Classification (ISO 12153:2022)

Contents

Page

European foreword ... **3**

Foreword ... **4**

1 Scope ... **5**

2 Normative references ... **5**

3 Terms and definitions ... **5**

4 Classification ... **5**

5 Symbols and requirements ... **6**

5.1 Symbol for the product or process ... 6

5.2 Symbol for the chemical composition of the all-weld metal ... 6

5.3 Symbol for the type of electrode core ... 6

5.4 Symbol for the shielding gas ... 6

5.5 Symbol for the welding position ... 6

6 Chemical analysis ... **6**

7 Mechanical properties of the all-weld metal ... **11**

8 Rounding procedure ... **11**

9 Retest ... **12**

10 Technical delivery conditions ... **12**

11 Example of designation ... **12**

Annex A (informative) **Corresponding national specifications** ... **13**