

# ISO 18274:2023-04 (E)

## Welding consumables - Solid wire electrodes, solid strip electrodes, solid wires and solid rods for fusion welding of nickel and nickel alloys - Classification

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Classification .....	1
5	Symbols and requirements .....	1
5.1	Symbols for the product form .....	1
5.2	Symbol for the chemical composition .....	2
6	Chemical analysis .....	12
7	Mechanical properties of the weld metal .....	12
8	Rounding procedure .....	12
9	Retests .....	12
10	Technical delivery conditions .....	12
11	Designation .....	12
Annex A (informative) System for designation of welding consumables .....		14
Annex B (informative) Description and uses of welding consumables .....		15
Annex C (informative) Corresponding national classifications and typical weld metal tensile strengths .....		23
Bibliography .....		27