

DIN EN ISO 14341:2008-08 (E)

Welding consumables - Wire electrodes and deposits for gas shielded metal arc welding of non alloy and fine grain steels - Classification (ISO 14341:2002)

| Contents | | Page |
|--------------------|--|-------------|
| Foreword | | 3 |
| Introduction | | 4 |
| 1 | Scope | 5 |
| 2 | Normative references | 5 |
| 3 | Classification | 6 |
| 4 | Symbols and requirements | 6 |
| 4.1 | Symbol for the product/process | 6 |
| 4.2 | Symbol for strength and elongation of all-weld metal | 7 |
| 4.3 | Symbol for impact properties of all-weld metal | 7 |
| 4.4 | Symbol for shielding gas | 8 |
| 4.5 | Symbol for the chemical composition of wire electrodes | 8 |
| 5 | Mechanical tests | 12 |
| 5.1 | Preheating and interpass temperatures | 12 |
| 5.2 | Welding conditions and pass sequence | 13 |
| 5.3 | PWHT condition | 13 |
| 6 | Chemical analysis | 14 |
| 7 | Retest | 14 |
| 8 | Technical delivery conditions | 14 |
| 9 | Example of designation | 14 |