

ISO 636:2017-06 (E)

Welding consumables - Rods, wires and deposits for tungsten inert gas welding of non-alloy and fine-grain steels - Classification

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Classification	2
4.1	General	2
5	Symbols and requirements	2
5.1	Symbol for the product/process	2
5.2	Symbol for strength and elongation of all-weld metal	3
5.3	Symbol for impact properties of all-weld metal	4
5.4	Symbol for the chemical composition of rods or wires	4
6	Mechanical tests	9
6.1	Preheating and interpass temperatures	9
6.2	Welding conditions and pass sequence	10
6.3	PWHT condition	10
7	Chemical analysis	10
8	Rounding procedure	11
9	Retesting	11
10	Technical delivery conditions	11
11	Examples of designation	11
Bibliography		13