

TALARC 46 BLUE

CLASSIFICATION

AWS SPECIFICATIONS	EN SPECIFICATIONS
AWS A 5.1: E6013	EN ISO 2560-A: E 42 0 RC 11

ALLOY TYPE

Rutile-coated electrode to be used for the welding of carbon and carbon-manganese steels having medium mechanical properties.

APPLICATIONS

Rutile-coated electrode (blue coating), featuring quick arc start and very good-looking weld bead. Easily removable slag, forgeable weld. Suitable for steel framed buildings. Specifically designed for welding in all positions, including vertical down.

TYPICAL CHEMICAL COMPOSITION OF WELD METAL

C %	Mn %	Si %	S %	P %	Cu %	Ni %	Cr %	Mo %
0.06	0.50	0.40	0.025	0.025	-	-	-	-

TYPICAL MECHANICAL PROPERTIES

	Yield strength	Tensile strength	Elongation on % 5d	Impact energy (Charpy V)			
	Rs	Rm	A 5d	0°C	-20°C	-30°C	-40°C
	(MPa)	(MPa)	%	(Joule)	(Joule)	(Joule)	(Joule)
as welded	440	540	24	50	-	-	-

WELDING GUIDELINES

Preheat and PWHT are not required.

TECHNICAL INFORMATION

Welding position: all positions



WELDING PARAMETERS

Current	AC / DC +/-		
Diameter (mm)	2.5	3.2	
Length (mm)	350	350	
Intensity (A)	60 ÷ 100	85 ÷ 130	

Diam.	Pack/Carton	Part No.
2.5mm	5kg pack/15kg	INE4625
3.2mm	5kg pack/15kg	INE4632

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