


VdTÜV-Kennblatt for welding consumables

		1 Manufacturer/Supplier Kobelco Welding of Europe B.V. with manufacturer's works according to VdTÜV list 1000		2 No. of VdTÜV-Kennblatt: 11726.01 09.08.2016	
3 Welding consumable*:		Fülldrahtelektrode			
4 Trade name*:		DW-A51B			
7 Type*:		EN ISO 17632-A T 42 2 B M 1 H5			
11 Diameter range:		1,2 bis 1,6 mm			
12 Auxiliary materials:		EN ISO 14175 - M21			
13 The validity of this Kennblatt will be certified, respectively, in the latest edition of CD-ROM TÜV-eignungsgeprüfte Schweißzusätze					
15 Materials and postweld heat treatment					
Pos	Wb	Group / Material 1	Text	Group / Material 2	Remarks
	S	Gruppe 1.1			
	N	Gruppe 1.1			
	U	Gruppe 1.2			1)
	S	Gruppe 1.2			
	U	Gruppe 1.3 (ReH max. 420 MPa)			1)
	U	Gruppe 2.1 (ReH max. 420 MPa)			1)
	U	Gruppe 3.1 (ReH max. 420 MPa)			1)
16 Material groups acc. to CR ISO 15608					
21 Root weldability:		not verified			
23 Wall thickness:		unbegrenzt			
24 Type of current and polarity:		G+, G-			
25 Welding position according to DIN EN ISO 6947:1997-05: PA, PB, PC, PF					
26 Highest operating temperature in the short-term range as for parent metal, but not higher than:				450°C	
27 Highest operating temperature in the long-term range max.:				--- °C	
28 Lowest operating temperature/as for parent metal, but not lower than:				U, S: -40, N: -20°C	
29 Design stress value/as for parent metal:		---			
30 For use in the long-term range:		---			
31 Resistance to intergranular corrosion proven in accordance with:					
32 Remarks:					
1) Ausgenommen 13MnNiMo 54.					
2) Ausgenommen St 44.0, St 44-2/3, St 44,4 H III, C21					
Im reinen Schweißgut wurde der Gehalt an diffusiblem Wasserstoff mit HD <=5cm ³ /100g nachgewiesen					
33 The approval test was done on the basis of VdTÜV-Merkblatt 1153. Where nothing different is said under the heading -Remarks-, this welding consumable is suitable provided Annex I Point 4 of the Pressure Equipment Directive 97/23/EC is observed.					
34 Explanations		A tempered L solution annealed and quenched N normalized	S stress-relieved St stabilized U non-annealed V hardened and tempered	W soft annealed	G+ direct current plus pole G- direct current minus pole W alternating current
35 Compiled in accordance with the data of:				TÜV Rheinland	
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*) Statements of the manufacturer