VdTÜV-Kennblatt for welding consumables

	1 Manufacturer/Supplier MIGAL.CO GmbH Wattstraße 2 DEU 94405 Landau / Isar	2 No. of VdTÜV-Kennblatt: 11882.02 28.06.2019

3 Welding consumable*:	Schweißstab
4 Trade name*:	ML 19.9 LSi (SS)
7 Type*:	EN ISO 14343-A - W 19 9 L Si
11 Diameter range:	1,0 bis 4,0 mm
12 Auxiliary materials:	EN ISO 14175 - I1 - I3

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
	U	Gruppe 8.1 (ohne Mo)			

16 Material groups acc. to CR ISO 15608

21 Root weldability:	verified
23 Wall thickness:	18
24 Type of current and polarity:	G-
25 Welding position according to DIN EN ISO 6947:1997-05:	PA, PC, PE, PF
26 Highest operating temperature in the short-term range as for parent metal, but not higher than:	350°C
27 Highest operating temperature in the long-term range max.:	---°C
28 Lowest operating temperature/as for parent metal, but not lower than:	-196°C
29 Design stress value/as for parent metal:	wie Grundwerkstoff
30 For use in the long-term range:	---
31 Resistance to intergranular corrosion proven in accordance with:	DIN 50914

32 Remarks:
Der Schweißstab ist mit folgender Prägung gekennzeichnet: 4316 ++.

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	S stress-relieved	W soft annealed	G+ direct current plus pole
L solution annealed and quenched	St stabilized		G- direct current minus pole
N normalized	U non-annealed		W alternating current
	V hardened and tempered		

35 Compiled in accordance with the data of: TÜV Rheinland

*) Statements of the manufacturer