

# LNG IV

## CLASSIFICATION

<b>AWS 5.2</b>	R65*	<b>A-Nr</b>	2	<b>Mat-Nr</b>	1.5425
<b>EN 12536</b>	0 IV	<b>F-Nr</b>	6		
	* Nearest classification	<b>Mat-Nr</b>	-		

## GENERAL DESCRIPTION

Rods with 0.5% Mo for oxy-acetylene gas welding of fine grained and creep resisting steel  
Design temperature max. 500°C

## APPROVALS

TÜV

+

## CHEMICAL COMPOSITION (W%) TYPICAL WIRES

C	Mn	Si	P	S	Mo
0.09	1.0	0.19	0.01	0.01	0.50

## MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Condition	Yield strength (N/mm <sup>2</sup> )	Tensile strength (N/mm <sup>2</sup> )	Elongation (%)	Impact ISO-V(J) +20°C
Typical values	AW	380	500	22	60

## EXAMPLES OF MATERIALS TO BE WELDED

Steel grades	Standard	Type
Pipe material	EN 10208-2	L210 up to L290
General structural steels		S185 up to S275
Boiler and pressure vessel steel		P295, P355, 16Mo3

## PACKAGING AND AVAILABLE SIZES

Diameter (mm)	2.0	2.5	3.0	4.0
5 kg cardboard box	X	X	X	X

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