



**Inspection Certificate**  
**EN 10204 Type 3.1 / 2.2 (Mechanical)**

Delivery note No:

80185607

Customer:

Österbergs Industrihandel AB  
Brisgatan 1  
SE-65221 Karlstad

Order No:

690376

Quantity delivered:

122 400,00 KG

WZ22S/74293204/224601/80185607-50

Part No: 74293204

Product: Cromarod 308LP 3,2x350 mm

Batch No: 224601

Data Sheet rev.: 11

Specification

EN ISO 3581-A:E 19 9 L R 11

AWS A5.4:E 308L-17

**All-weld metal chemical composition, wt.%**

<b>C</b>	<b>Si</b>	<b>Mn</b>	<b>P</b>	<b>S</b>	<b>Cr</b>	<b>Ni</b>	<b>Co</b>	<b>Mo</b>	<b>Cu</b>	<b>V</b>
0,019	0,660	0,630	0,015	0,010	19,395	9,326	-	0,062	0,030	0,040
<b>Nb</b>	<b>N</b>	<b>Al</b>	<b>Ti</b>	<b>W</b>	<b>Fe</b>	<b>Mg</b>	<b>Zn</b>	<b>Be</b>	<b>FN</b>	
0,016	0,058	-	-	-	-	-	-	-	7	

FN = Ferrite number, measured with feritscope MP-3

**Mechanical properties - All-weld metal.**

<b>Yield Strength</b> <b>MPa</b>	<b>Tensile Strength</b> <b>MPa</b>	<b>Elongation</b> <b>A5%</b>	<b>Impact value</b> <b>average</b> <b>J</b>	<b>Test temp.</b> <b>°C</b>
450	580	40	50	-60

We hereby certify that the material described above has been tested and complies with the terms of the order contract.

Approved by Karin Ivarsson, QC-manager at ITW Welding AB

Date: 2022-11-18

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