

Certificate Number: XP-02252

Customer:

Order Number:

EN/ISO Standards: 18273
 EN/ISO Classification: S Al 5183 (AlMg4.5Mn0.7(A))
 AWS Standard: A5.10
 AWS Classification: ER5183

Quantity Purchased: 14 kg

Lot Number: 341331-74093

Item Number: XP25263
 Description: XP ER 5183
 Dimensions: Ø 1.0 (mm)
 Packaging / Weight: BS300 Basket - 7kg

Chemical Composition

According to EN 10204:2004 - 3.1

Elements	Test Result % (m/m)	Elements	Test Result % (m/m)
Si	0.0504	Bi	-
Fe	0.1043	Ni	-
Cu	0.0008	Sn	-
Mn	0.6145	Zr	-
Mg	4.7899	Pb	-
Cr	0.1026	Ga	-
Zn	0.0030	B	-
V	-	-	-
Ti	0.0768	-	-
Be	<0.0001	-	-
Al	REM	-	-

Mechanical Properties

According to EN 10204:2004 - 2.2

Properties	Test Result
Tensile Strength (MPa)	≥ 275
Yield Strength (MPa)	≥ 125
Elongation (%)	≥ 17
Impact Strength (J)	≥ 16
Test Temperature (°C)	-
Hardness (HRC)	-

We hereby certify that this report is correct and all results are in conformity with the declared specifications described herein.

Jason Ford - Product Manager

City: Bewdley, Worcestershire

Date: 07/05/2025

This digitally prepared certificate is valid without signature



Remarks:

Scan to Download

