
GM 5183

IDENTIFICATION

GM 5183, ER 5183

CLASSIFICATION

ANSI/AWS A5.10 ER/R 5183, ASME SFA 510: ER/R 5183

DESCRIPTION

5183 is aluminum filler that has improved strengths on alloys such as 5086 compared to 5356 that may not meet the needed tensile.

CHEMICAL ANALYSIS (RANGE) %

Mg	Ti	Mn	Cr	Cu	Si	Zn	Fe	Be	Al
4.3 - 5.2	0.15 max	0.50 - 1.00	0.05 - 0.25	0.1 max	0.4 max	0.25 max	0.4 max	0.08 max	Remainder

TYPICAL APPLICATIONS

Commonly used on marine components, drilling rigs, cryogenics, railroad cars, storage tanks - base metals of 5083, 5086, 5456 to each other no 5052,5652 & 5056.

PACKING PARAMETERS

Size (mm)	Weight / Spool (kg)
1.2	7
2	7