

GETIG 5183



Cadmium - free brazing filler metal with high silver content.

CLASSIFICATION : ANSI/AWS A5.10 ER/R 5183 ASME SFA 5.10 ER/R5183

DESCRIPTION :

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

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.

WELD METAL ANALYSIS (RANGE) %

Mg	Ti	Mn	Cr	Cu
4.3-5.2	0.15	0.50-1.00	0.05-0.25	0.10 max
Si	Zn	Fe	Be	Al
0.40 max	0.25 max	0.40 max	0.08	Remainder

ALL WELD MECHANICAL PROPERTIES

Ultimate Tensile Strength MPa	0.2% proof stress (Yield point) MPa	Elongation % (L=5d)
275 min	125 min	17 min

PACKING DATA / CURRENT CONDITION

SIZE (mm)	LENGTH (MM)	CURRENT CONDITION	PACKING DATA PER PACKET
1.6	1000	AC	2 KG
2.0	1000	AC	2 KG
2.4	1000	AC	2 KG
3.15/3.20	1000	AC	2 KG
4.0	1000	AC	2 KG
5.0	1000	AC	2 KG