

# TECHNIWELDUSA

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## TYPICAL MATERIAL TEST REPORT

ITEM CLASSIFICATION	
ALLOY	SPECIFICATION
ER5554	AWS A5.10
APPLICATIONS	
Can be used to weld base material types 5454 and 5456. Can be used with all inert gas, electron beam, and oxyfuel gas welding processes.	

TYPICAL CHEMICAL COMPOSITION						
ELEMENT	Si	Fe	Cu	Mn	Mg	Cr
AVERAGE	0.25 max	0.40 max	0.10 max	0.50-1.0	2.4-3.0	0.05-0.20

TYPICAL CHEMICAL COMPOSITION						
ELEMENT	Zn	Ti	Be	Al	Other	
AVERAGE	0.25 max	0.05-0.20	0.0003	Remainder	0.05-0.15	