

DESCRIPTION

Executive 5356 is the most widely used aluminum welding alloy. It is selected for its high corrosion resistance and high shear strength. Executive 5356 is often the go-to general aluminum welding alloy.

Executive 5356 solid aluminum welding wire is designed to have smooth and consistent feedability. Executive aluminum wire is non-annealed which allows for smoother feedability especially when utilizing long MIG guns.

Our enhanced feedability design uses less lubricant than standard aluminum wire resulting in considerably less fume generation.

APPLICATIONS & FEATURES

Executive 5356 is suitable for welding of all 5XXX grades. It is often used for automotive bumpers and supports, structural frames in the shipbuilding industry, formed truck panels, railing and power industries and trailer manufacturing.

Executive 5356 is ideal for corrosive environments – especially saltwater – making it the aluminum alloy for marine applications. Executive 5356 is also a great choice when colour match is required.

TYPICAL WIRE CHEMISTRY & MECHANICAL PROPERTIES

Al	Mn	Fe	Cu	Si	Mg	Ti	Zn	TOE	Cr	Be
Rem.	0.12	0.11	<0.00	0.06	4.77	0.074	<0.00	<0.15	0.12	<0.00
Tensile Strength:	40,000 PSI min		Elongation:		12%					
Yield Strength:	18,000 PSI min									

TYPICAL WELDING PARAMETERS

Process	Diameter	Voltage	Amperage	Gas Flow	Shielding Gas / Flux
GMAW	.035"	23-25	90-170		
	.047"	25-27	110-220	30 to 50 CFH	100% Ar
	.062"	26-30	200-300		
GTAW	.093"	Direct Current; Electrode -		20 to 30 CFH	100% Ar
	.125"				

STANDARD PACKAGING

GMAW (MIG)	16-lb / 20-lb wire spools	1,536-lb / 1,920-lb pallet	300-lb / 500-lb drums
	1-lb plastic spools	20-lb box	
GTAW (TIG)	10-lb tube	50-lb box	



CLASSIFICATION

AWS/SFA 5.10, Class **ER5356**
Certified by the Canadian Welding Bureau (CWB) to AWS A5.10.