

SuperGlaze® 5356

Key Features

- General purpose aluminium filler metal for welding 5XXX series alloys
- Excellent feedability and consistent welding performance
- Tight and stable arc

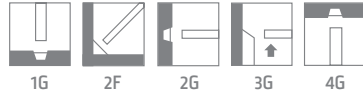
Conformances

AWS A5.10/A5.10M: ER5356
Lloyds Register: WB/I-1 S
DNV: 5356

Typical Applications

- Automotive bumpers and supports
- Structural frames in the shipbuilding industry
- Formed truck panels
- Railing and Power industry
- Trailer manufacturing

Welding Positions



Shielding Gas

- 100% Argon
- Argon / Helium mixtures
- Flow Rate 15-25 L/min

Diameter / Packaging / Settings

Diameter mm	Part Number	Packaging	WFS ipm	Voltage volts	Approx. Current amps	CTWD mm
0.8	ED030311	Spool S100 0.45kg	400-700	17-23	60-150	10-15
0.9	ED030312	Spool S100 0.45kg	500-700	17-23	80-160	10-15
	ED028385	Spool S300 7.26kg				
1.0	ED703753	Spool S200 2.00kg	400-600	18-24	90-170	10-15
	ED028386	Spool S300 7.26kg				
1.2	ED030314	Spool S100 0.45kg	300-500	23-27	130-180	15-20
	ED702755	Spool S200 2.00kg				
	ED035699	Spool S300 9.00kg				
	ED034550	GEM-PAK™ 136.1kg				
1.6	ED035701	Spool S300 9.00kg	120-300	24-28	150-240	15-20

Mechanical Properties - As required per AWS A5.10

	Yield Strength MPa	Tensile Strength MPa	Elongation %
Requirements - AWS ER5356	Not specified	Not specified	Not specified
Typical Results - As Welded with I1 gas	110	250	25

Wire Composition

	%Al	%Mn	%Si	%Mg	%Cr
Typical Results	Bal	0.12	0.05	4.9	0.08
	%Zn	%Fe	%Ti	%Cu	%Be
Typical Results	<0.01	0.09	0.15	0.03	0.0002