GTAW

MC-Ni 55R (TIG)

For Cast Iron



DESCRIPTION AND APPLICATIONS

High strength Fe-Ni Alloy for welding of cast iron and for joining cast iron to steel. Also suitable for welding ductile iron of which strength is required.

NOTES ON USAGE

1) For GTAW process, use DC-EN, Pure Argon.

2) For GMAW process. Sprav Transfer or Short Circuit Transfer mode can be used.

3) Pure Argon, 98% Argon +2% O₂ and 80% Argon + 20% O₂.

WIRE ANALYSIS (Wt%)								
С	Si	Mn	Р	S	Ni	Fe	Special Element	
0.01	0.46	2.89	0.010	0.009	55.50	Bal	1.0-3.0	

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES •						
YIELD STRESS	TENSILE STRENGTH	ELONGATION	CVN IMPACT VALUES			
-	600 N/mm ²	38%	-			

• in "as welded" condition.

PRODUCT NAME	SIZE (mm)	PACKAGING (Kg)
MC-Ni55 (TIG)	1.6/2.4	5

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