



ARCTEC® CAST IRON

GENERAL CHARACTERISTICS:

ARCTEC® CAST IRON is a GTAW filler material particularly suitable for repair of wrought and cast nickel components. Used for overlaying steel components and provides good corrosion resistance.

APPLICATIONS:

ARCTEC® CAST IRON is used for overlaying steel components, joining nickel 200 and 201. May also be used for joining dissimilar steels to cast iron components. It can be used in combination with other cast iron products in the Arctec line of machinable cast iron welding alloys.

WELDING PROCEDURE:

Remove oil, grease and rust from base material prior to welding. Prepare joint as required. Do not preheat and do not allow the part to become overheated when welding. Interpass temperature and cooling rates must be controlled to assure sound weldments. ARCTEC® 88 is recommended for use in joint preparation on cast iron components.

MECHANICAL PROPERTIES:

Tensile Strength
55,000psi (380MPa)

OPERATING PARAMETERS:

WELDING PROCESS: GTAW

POLARITY: DC Straight

SHEILDING GAS: 100% Argon

CALGARY FAX:(403)-250-7682	EDMONTON: (780)-484-4896	VANCOUVER: (604)-596-2940	WINNIPEG: (204)-663-7955
PHONE:(403)-250-9355	(780)-484-3304	(604)-596-6207	(204)-663-9182

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Subject to change without notice

BP180214/229-1