



a quality welding alloy

ARCtec® ARMORCLAD® 95 CC

GENERAL CHARACTERISTICS:

ARCtec® ARMORCLAD® 95 CC is an iron based gas atomized PTA (Plasma Transfer Arc) chromium carbide powder alloy suitable for applications subjected to wear and abrasion.

APPLICATIONS:

ARCtec® ARMORCLAD® 95 CC is designed for wear resistant coatings on surfaces subject to abrasion and moderate impact. Suitable for use in mining applications where mineral abrasion is present.

WELDING PROCEDURE:

Clean the weld zone free of oil, grease, rust and other contaminants by grinding if necessary. Apply powder using the Plasma Transfer Arc process. Ensure that coated parts cool down slowly. Machinable by grinding only.

CHEMICAL COMPOSITION:

Typical analysis:

C	Cr	Mn	Si	V	W	B	Fe
3.9	22.5	.25	.015	.80	.75	.90	Balance

MECHANICAL PROPERTIES:

HARDNESS: 60-63 RC

GRAIN SIZE: 63-160 µm

DENSITY: 4.02 g/cm³

MACHINABILITY: By grinding only

OPERATING PARAMETERS

WELDING PROCESS: PTA

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

The seller makes no warranties, express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, except as expressly stated in seller's contract, delivery slip or invoice form. Technical data and suggested application are provided to assist you in making your own evaluations and decisions and should not be interpreted as expressed or implied warranties. Mechanical properties are typical or average values obtained by testing and comparing many heats of the same alloys. Minimum and maximum values are noted accordingly and are not intended for specific purposes.

Subject to change without notice

OHO211107/307-1