



PT-MAT™ XTRM OA

General Information :

PT-MAT™ XTRM OA is an iron based cored wire for GMAW hard for extreme mineral wears showing a high scratch resistance and elevated hardness.

The alloy doesn't produce any slag and will show optimum properties in 2 layers.

PT-MAT™ XTRM OA is a C-Cr-V-Nb-B iron based alloys forming some very fine complex carbides.

The part should be pre-heated and slow cooled after application for best results.

Applications :

PT-MAT™ XTRM OA is used extensively in mining, concrete pumps and cement plants (clinker).

Hardness (outside dilution):

64-68 HRc.

Chemistry.

Fe	C	Cr	Si	Nb	V	B
Balance	3.0-5.0	18-32	1.0 - 2.0	+	+	+

Welding Parameters.

Wire diameter mm	Wire diameter inch	Voltage (V)	Amperage (A)
1.2	0.045"	18-24	120-220
1.6	1/16"	19-26	160-250
2.4	3/32"	24-28	240-330

Packaging:

Spools "S" = 15 kg (33lbs)

Spools "B" = 33kg (55lbs)

Other packaging available on request (large spools, drums etc...)

