

DURMAT[®] 564-PTA

PTA metal powder for abrasion and corrosion resistant hardfacings

General characteristics:

DURMAT 564-PTA is a C-Cr, B-alloyed PTA powder resistant to heavy mineral abrasion at higher temperature.

Application:

Cement industry, mineral and brick industry, mining industry and parts subject to heavy wear in combination with temperature.

Chemical composition (in wt-%):

Fe	Cr	C	B	V	W
Balance		3.8	1	0.8	0.8

Physical characteristics:

Hardness:	62 - 64 HRC Hardness at 400° C: approx. 60 HRC Hardness at 600° C approx. 46 - 48 HRC
Density:	7.8 g/cm ³
Structure:	martensitic with carbides
Grain Size:	-160 +63µm **)

Delivery form:

PE-bottle:	5 kg **)
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Processing recommendation:

Machining:	Grinding + Turning
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Welding recommendation:

Remove damaged material. Clean weld zones. Keep dilution low. Coated parts have to cool down slowly.

**) others on request