

DURMAT[®] 560-PTA

PTA metal powder for corrosion and abrasion resistant hardfacings

General characteristics:

DURMAT 560-PTA is a atomized powder, which deposits a high Cr-alloyed hardfacing. It can be applied when medium abrasion and corrosion is expected. Suitable for impact wear conditions.

Application:

Hardfacing on guiding rolls, cutting tools, valves and crushers for recycling industry.

Chemical composition (in wt.-%):

Cr	C	Si	Fe
8	0.7	2	Balance

Physical characteristics:

Hardness: 53-55 HRC
Structure: ferritic-martensitic
Grain Size: -160+63 μm **)

Delivery form:

PE-bottle: 5 kg **)

Welding recommendation:

DURMAT 560-PTA is deposited crack free by controlling the operational conditions For substrate materials with high carbon content a buffer layer or preheating is recommended. After welding, the component should be cooled slowly preferably by furnace operation.

**) others on request