

UP-F

Unique
Thin Composite
Wear Plate



UP
Plate

Introduction

UP-F composite wear plate is developed for the purpose of the weight reduction and easy installation, outstanding anti-wear performance can be reached with only one thin layer of hardfacing overlay. Along with the metallurgical bonding interface, UP-F is also characterized by the nearly crack free surface endowing UP-F excellent combination of anti-impact and anti-adhesion properties.

Composition & Properties

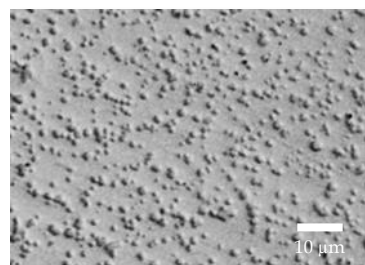
C	Cr	Mn	Si	Fe	Other	Hardness (HRC)	ASTM G65 Procedure A
2.0	4.8	0.4	1.1	Bal.	Mo, V, W	≥ 61	≤ 0.17

* Typical data of UP-F(6+4) (Composition in wt%)

Description

Characteristic	Data
Standard Thickness* (mm)	Base material ≥ 4mm, Hardfacing ≥ 2mm
Standard Size* (mm)	600 × 1000
Operation Temperature (°C)	≤ 450
Machinability	EDM, Plasma, Laser cutting Stud bolt, Countersink, Gouging
Formability	R ≥ 150 (for 4+2, overlay inward)
Base Plate*	Q235B (SS400, S235JR)

* Customizable



UP GROUP

E-mail: info@upplate.com
www.upplate.com