

SCHEFTNER Starbond Easy Powder 30 DATASHEET

MACHINE DETAILS



Machine version:	MySint 100; MySint 100 RM
Material:	Scheftner Starbond Easy Powder 30
Version:	3.0-1
Release date:	25/02/2019
AVAILABLE STRATEGIES	
HighSpeed40	Maximum productivity – 40 µm layer thickness

GENERAL INFORMATIONS

Cobalt chrome alloys are mainly used for dental applications, such as bridges, crowns, and abutments. Mechanical properties are outstanding: toughness, corrosion resistance and geometrical stability are only some of them.

DENSITY	8.8 kg/dm ³
BIO-COMPATIBILITY	EXCELLENT
MACHINABILITY	HARD
WELDABILITY	GOOD
CORROSION RESISTANCE	VERY GOOD

CHEMICAL PROPERTIES (according to supplier)

Morphology	Powder Size:	20 – 40 µm
	Size Distribution:	Gaussian
	Powder Shape:	Spherical
Composition	Co	61 %
	Cr	27.5 %
	W	8.5 %
	Si	1.6 %
	C, Fe, Mn	< 1 %