TÜVRheinland® CERT ISO 9001

PoudMet Metal Powders

Technical Data Sheet

Date Revision	Révision
08/07/2013	5

Material : Our / Reference

2201VNI **POUDMET POUDMIX CuSn PX 626** .

Press ready premix.

Inspection Characteristic	Unit	Lower Limiting Value	Upper Limiting Value	Desired Value	Indicative Value	Méthode
Physical						
Physical analysis :						
Apparent density ISO 3923/1 - 2,5 mm	g/cm3	2,80	3,05			IN.V.1010
Flowability ISO 4490 - 2,5 mm	s		45,0			IN.V.1004
Chemical						
Chemical analysis :						
Tin (Sn)	%	9,00000	11,00000			IN.V.1138
Carbon (C)	%	0,15000	0,25000			
Frittage						
Sintering :						
Green density	N/mm²			6,00		IN.V.1020
Green strength	N/mm²	4,00				IN.V.1022
Sintering atmosphere 50% H2/50% N2						IN.V.1150
Dewaxing at 700°C	min			10,00		IN.V.1150
Sintering at 810°C	min			30,00		IN.V.1150
Dimensional change	%	0,00	0,50			IN.V.1149
Dimensional change of standard	%					IN.V.1149
Radial crushing strength	N/mm²					IN.V.1022
Radial crushing strength of standard	N/mm²					IN.V.1022

FDS :

All statements, technical information and recommendations herein are based on tests and data which our Company believes to be currently reliable. The accuracy or completeness thereof is not guaranted and no warranty of any kind is made with respect thereto. Product characteristics may change due to technical development and / or improvment of production methods.

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