

Technical Data Sheet

Date Revision 25/08/1999	Révision 1
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Material : Our / Reference

2240UAR

POUDMET POUDMIX CuSn PX 727

Press ready premix

Inspection Characteristic	Unit	Lower Limiting Value	Upper Limiting Value	Desired Value	Indicative Value	Méthode
Physical						
Physical analysis :						
Sieve analysis ISO 4497 cumulative :						
> 160 µm	%		1,00			IN.V.1007
> 45 µm	%	40,00	60,00			IN.V.1007
< 45 µm	%	40,00	60,00			IN.V.1007
Apparent density ISO 3923/1 - 2,5 mm	g/cm ³	3,10	3,30			IN.V.1010
Flowability ISO 4490 - 2,5 mm	s		35,0			IN.V.1004
Chemical						
Chemical analysis :						
Tin (Sn)	%	9,50000	11,00000			IN.V.1138
Wax	%	0,70	0,80			
Frittage						
Sintering :						
Green density	N/mm ²			6,20		IN.V.1020
Green strength	N/mm ²	3,00				IN.V.1022
Sintering atmosphere 75% H ₂ /25% N ₂						
Dewaxing at 350°C	min			25,00		IN.V.1150
Sintering at 750°C	min			30,00		IN.V.1150
Dimensional change	%	-0,70	-1,10			IN.V.1149
Dimensional change of standard	%			-0,90		IN.V.1149
Radial crushing strength	N/mm ²	150				IN.V.1022
Radial crushing strength of standard	N/mm ²			150,00		IN.V.1022

FDS : PX

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 guaranteed and no warranty of any kind is made with respect thereto. Product characteristics may change due to technical development and / or improvement of production methods.

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