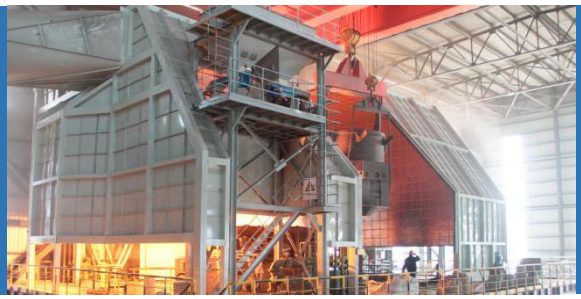
LW POWDER

LWPM



LAP100.29D1









LWPM Co.,Ltd.

Qingpu district, Shanghai, China 201700

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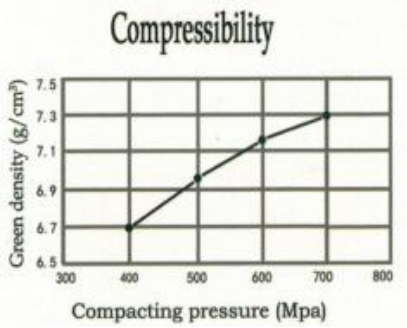
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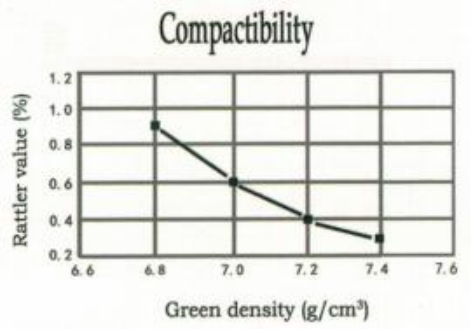
APPLICATION

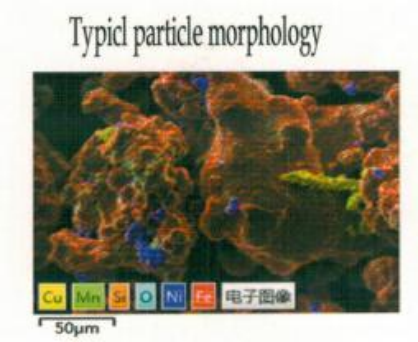
LAP100.29D1 is mainly used for production of high strength materials.

SPECIFICATION

Chemical Properties（%）	Unit	Specification	
		Min	Max
C	%		0.015
Si	%		0.05
Mn	%		0.15
P	%		0.015
S	%		0.015
Ni	%	1.70	2.10
Mo	%	0.50	0.70
Cu	%	1.60	1.90
HL	%		0.15
Physical Properties			
Apparent density	g/cm3	3.00	3.30
Flow rate	s/50g		30.00
Green density 490Mpa	g/cm3	7.06	
Particle size distribution（%）			
180-212um	%		1
150-180um	%		10
45-150um	%		
-45um	%	10	30







PROPERTIES

LAP100.29D1+0.3%C+0.6%Zn-st, condition: temperature1120℃, sintering time 30min.

Product name	Sintered density(g/cm³)	Tensity strength(MPa)	Impact energy(J)	Rockwell hardness(HRB)	Elongation (%)
LAP100. 29D1	6. 80	410	16. 80	74. 2	2. 01
	7. 00	441. 68	21. 28	82. 6	2. 11

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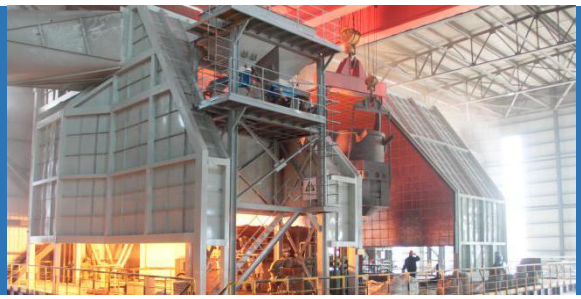
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LW POWDER

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LAP100.29D2









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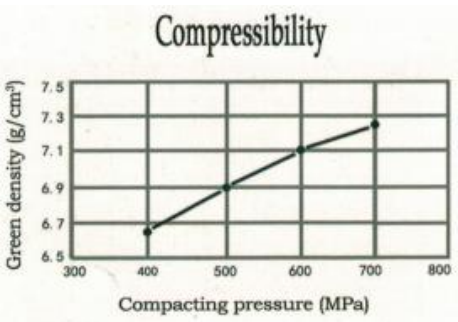
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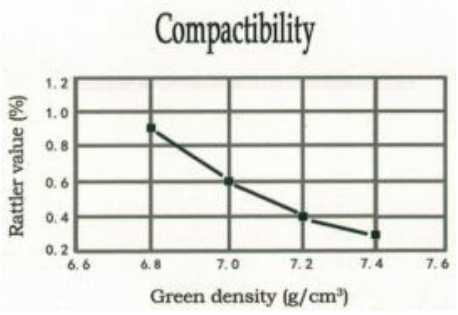
APPLICATION

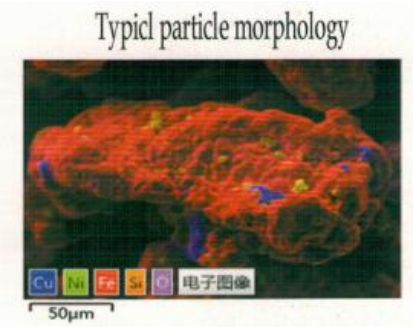
LAP100.29D2 is suitable for production of high hardenability and high strength parts.

SPECIFICATION`

Chemical Properties（%）	Unit	Specification	
		Min	Max
C	%		0.015
Si	%		0.05
Mn	%		0.15
P	%		0.015
S	%		0.015
Ni	%	3.80	4.20
Mo	%	0.50	0.70
Cu	%	1.60	1.90
HL	%		0.15
Physical Properties			
Apparent density	g/cm3	3.00	3.30
Flow rate	s/50g		30.00
Green density 490Mpa	g/cm3	7.06	
Particle size distribution（%）			
180-212um	%		1
150-180um	%		10
45-150um	%		
-45um	%	10	30







PROPERTIES

LAP100.29D2+0.3%C+0.6%Zn-st, condition: temperature1120℃, sintering time 30min.

Product name	Sintered density(g/cm³)	Tensity strength(MPa)	Impact energy(J)	Rockwell hardness(HRB)	Elongation(%)
LAP100. 29D2	6. 80	438	17	70	1. 98
	7. 00	490	21	92	2. 30

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