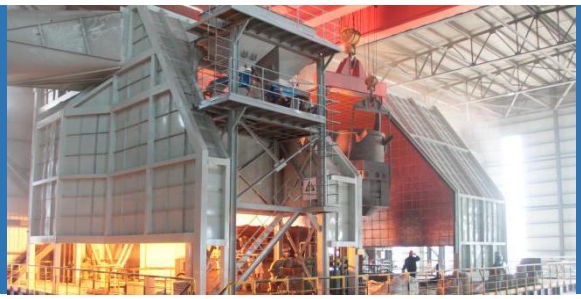
LW POWDER

LWPM



LAP100.29Mo1









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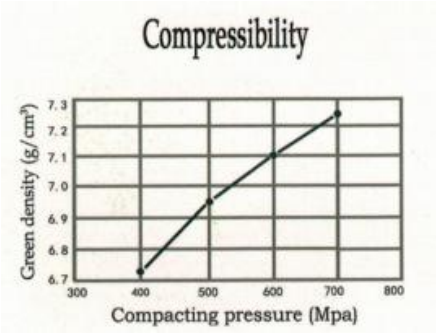
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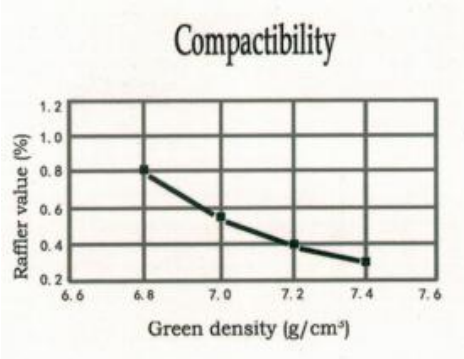
APPLICATION

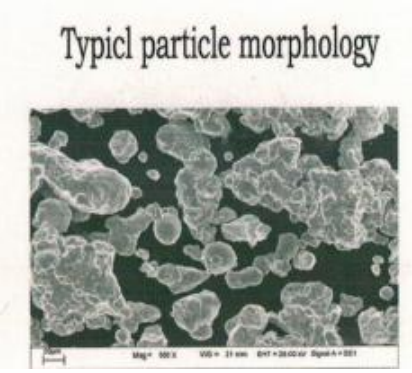
LAP100.29Mo1 is widely used for the production of Sintered PM parts require high heat treatment performance.

SPECIFICATION

Chemical Properties（%）	Unit	Specification	
		Min	Max
C	%		0.01
Si	%		0.05
Mn	%		0.15
P	%		0.02
S	%		0.015
Mo	%	0.50	0.70
Physical Properties			
Apparent density	g/cm3	2.90	3.15
Flow rate	s/50g		28
Green density 600Mpa	g/cm3	7.00	
Particle size distribution（%）			
180-212um	%		1
150-180um	%		10
45-150um	%		
-45um	%	10	30







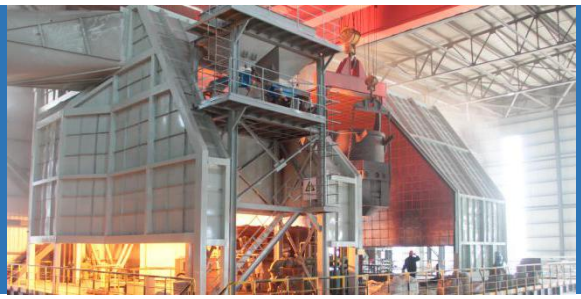
PROPERTIES

LAP100.29Mo1 + 0.5%C + 0.8%Zn-st, conditions: temperature1120℃; Sintering time 30min; Sintering density 7.0(g/m³); Rockwell hardness(HRB) 78; Tensity strength(MPa) 410; Elongation(%) 1.95; Impact energy(J) 21.

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LW POWDER

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LAP100.29Mo2









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APPLICATION

LAP100.29Mo2 is widely used for the production of Sintered PM parts require high heat treatment performance.

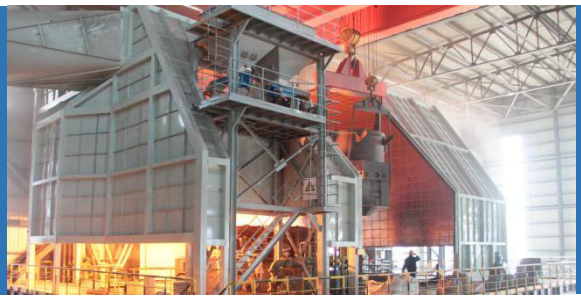
SPECIFICATION

Chemical Properties（%）	Unit	Specification	
		Min	Max
C	%		0.01
Si	%		0.05
Mn	%		0.15
P	%		0.02
S	%		0.015
Mo	%	0.80	1.00
Physical Properties			
Apparent density	g/cm3	2.90	3.15
Flow rate	s/50g		28
Green density 600Mpa	g/cm3	7.00	
Particle size distribution（%）			
180-212um	%		1
150-180um	%		10
45-150um	%		
-45um	%	10	30

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LW POWDER

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LAP100.29Mo3









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APPLICATION

LAP100.29Mo3 is widely used for the production of Sintered PM parts require high heat treatment performance.

SPECIFICATION

Chemical Properties（%）	Unit	Specification	
		Min	Max
C	%		0.01
Si	%		0.05
Mn	%		0.15
P	%		0.02
S	%		0.015
Mo	%	1.40	1.60
Physical Properties			
Apparent density	g/cm3	2.90	3.15
Flow rate	s/50g		28
Green density 600Mpa	g/cm3	7.00	
Particle size distribution（%）			
180-212um	%		1
150-180um	%		10
45-150um	%		
-45um	%	10	30

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