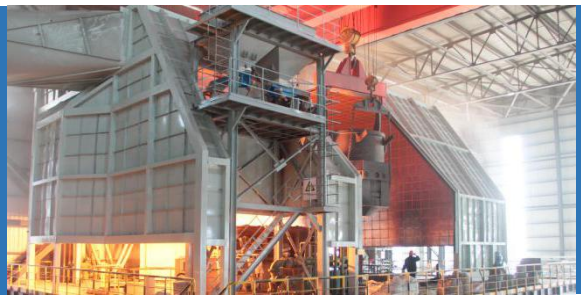
LW POWDER

LWPM



LAP100.29H









LWPM Co.,Ltd.

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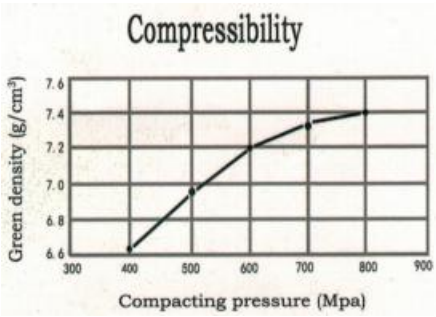
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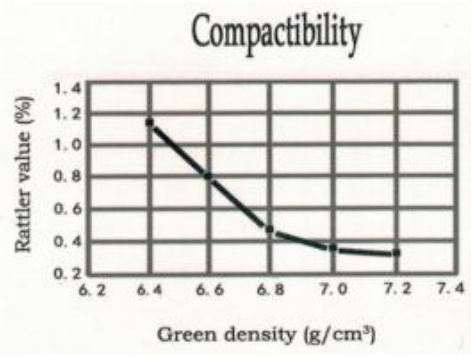
APPLICATION

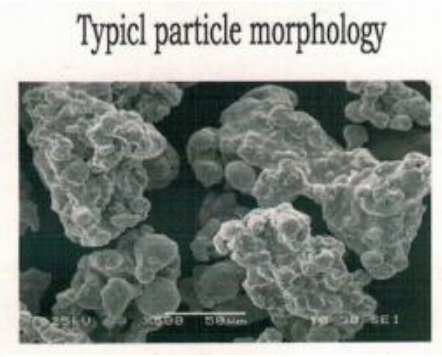
LAP100.29H is widely used for the production of sintered metal parts with density above 6.8g/cm3 and PM forged parts.

SPECIFICATION

Chemical Properties（%）	Unit	Specification	
		Min	Max
C	%		0.01
Si	%		0.04
Mn	%		0.12
P	%		0.012
S	%		0.012
HL	%		0.12
Physical Properties			
Apparent density	g/cm3	2.95	3.10
Flow rate	s/50g		28
Green density 600Mpa	g/cm3	7.20	
Particle size distribution（%）			
180-212um	%		1
150-180um	%		10
45-150um	%		
-45um	%	15	30







PROPERTIES

Under sintering temperature of 1120℃, sintering hardness (HRB)90; Tensile strength(MPa) 485; Elongation(%)1.75; Impact powder(J)18.5; Sintering expansion rate 0.25%.

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