LW POWDER

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FHY80.23









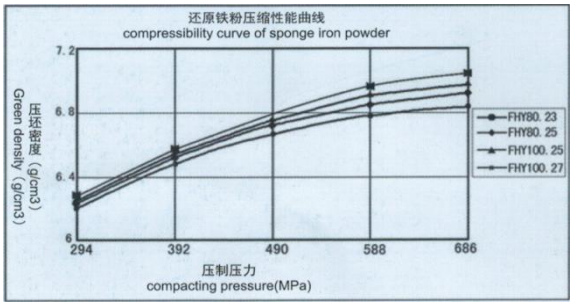
APPLICATION

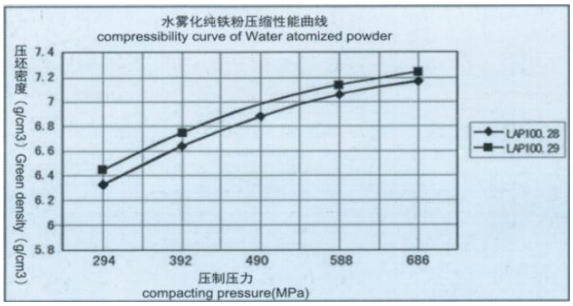
FHY80.23 is widely used for the production of oil-contained bearing and low density irregular parts.

SPECIFICATION

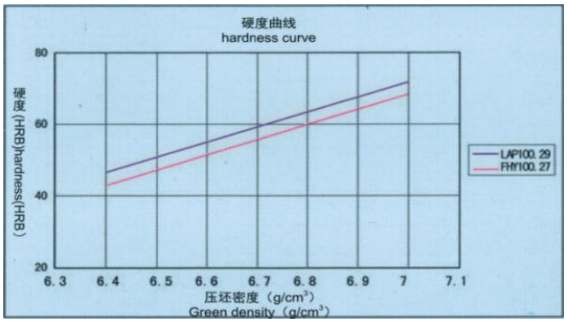
Chemical Properties（%）	Unit	Specification	
		Min	Max
C	%		0.05
Si	%		0.15
Mn	%		0.40
P	%		0.02
S	%		0.03
HL	%		0.40
TFe	%	98.00	
Physical Properties			
Apparent density	g/cm3	2.20	2.45
Flow rate	s/50g		36.00
Green density 600Mpa	g/cm3	6.50	
Particle size distribution（%）			
180-200um	%		3
150-180um	%		
106-150um	%		
75-106um	%		
45-75um	%		
-45um	%	5	25

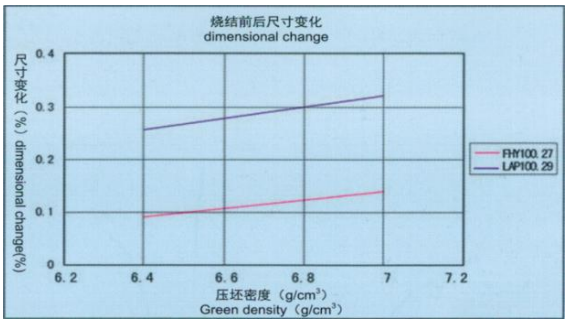
COMPRESSIBILITY AND COPACTIBILITY PROPERTIES

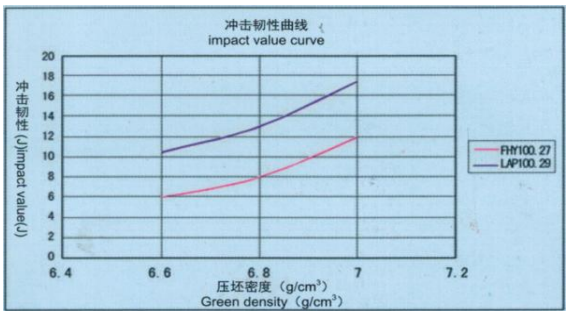


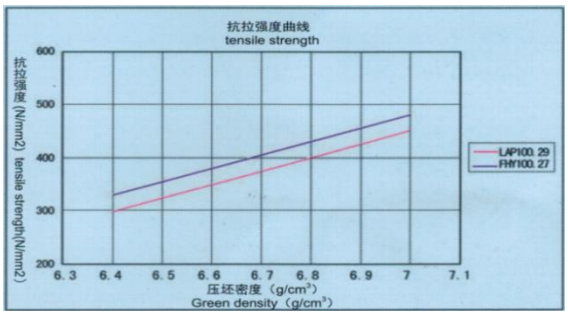


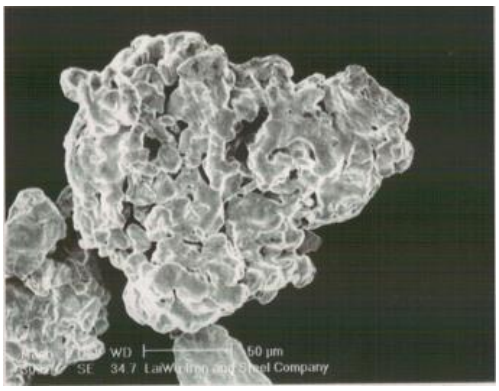
SINTERED PROPERTIES











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FHY80.25









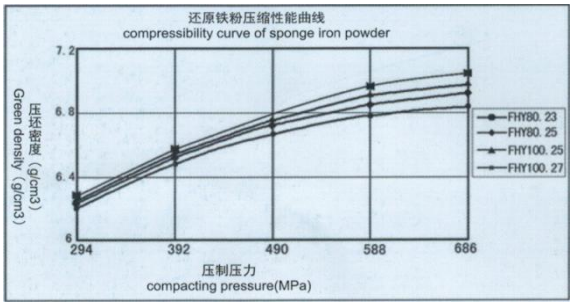
APPLICATION

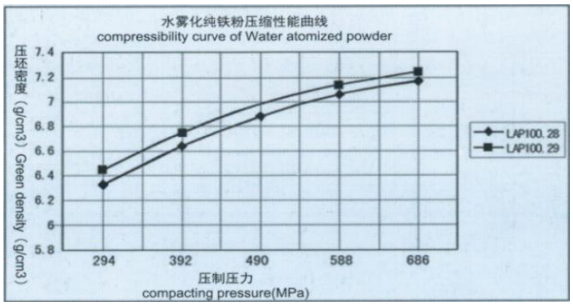
FHY80.25 is widely used for the production of medium density PM parts.

SPECIFICATION

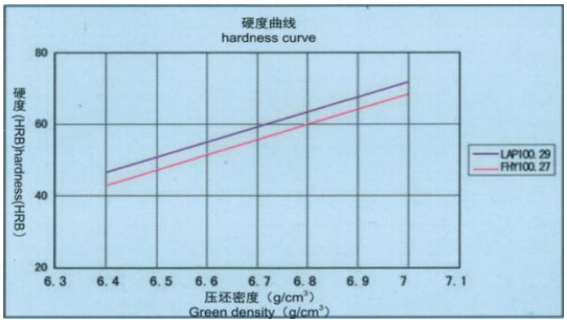
Chemical Properties（%）	Unit	Specification	
		Min	Max
C	%		0.03
Si	%		0.15
Mn	%		0.40
P	%		0.02
S	%		0.03
HL	%		0.40
TFe	%	98.00	
Physical Properties			
Apparent density	g/cm3	2.45	2.65
Flow rate	s/50g		34.00
Green density (600Mpa)	g/cm3	6.55	
Particle size distribution（%）			
180-200um	%		3
150-180um	%		
106-150um	%		
75-106um	%		
45-75um	%		
-45um	%	5	25

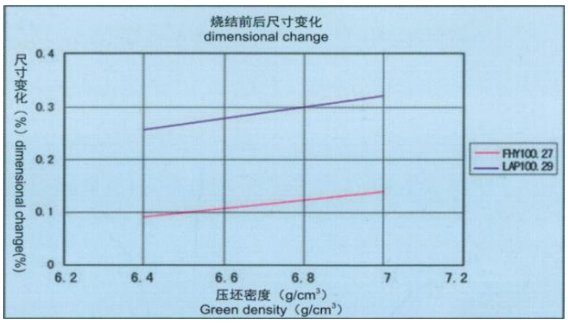
COMPRESSIBILITY AND COPACTIBILITY PROPERTIES

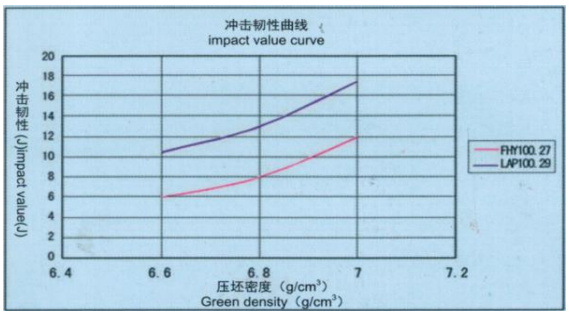


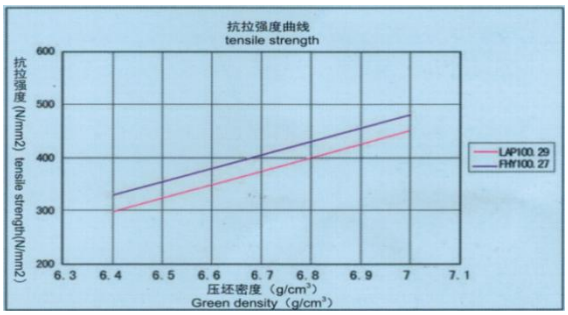


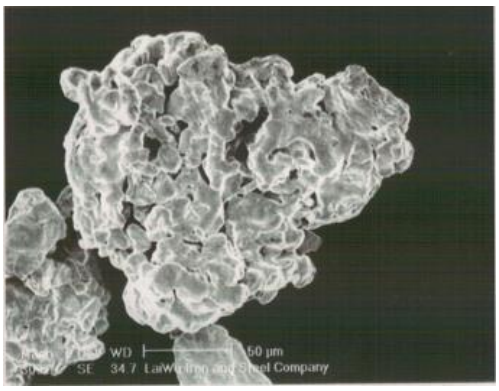
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FHY80.27









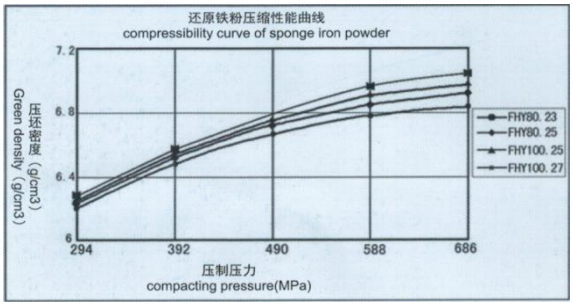
APPLICATION

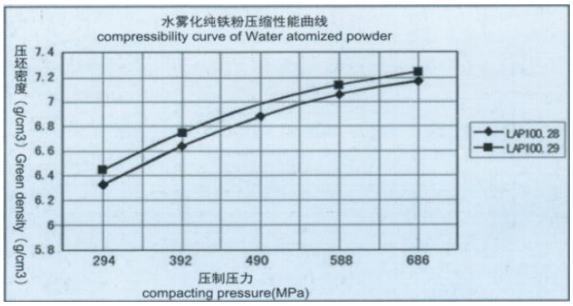
FHY80.27 is widely used for the production of medium and high density PM parts.

SPECIFICATION

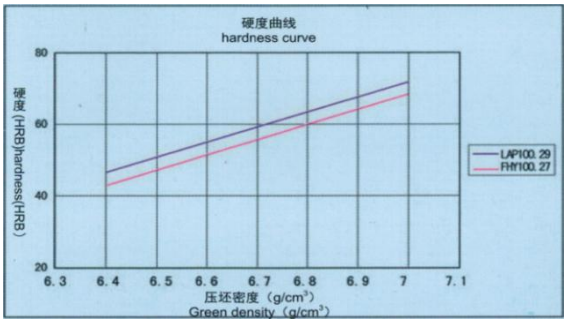
Chemical Properties（%）	Unit	Specification	
		Min	Max
C	%		0.03
Si	%		0.15
Mn	%		0.40
P	%		0.02
S	%		0.03
HL	%		0.40
TFe	%	98.00	
Physical Properties			
Apparent density	g/cm3	2.65	2.80
Flow rate	s/50g		34.00
Green density 600Mpa	g/cm3	6.60	
Particle size distribution（%）			
180-200um	%		3
150-180um	%		
106-150um	%		
75-106um	%		
45-75um	%		
-45um	%	5	25

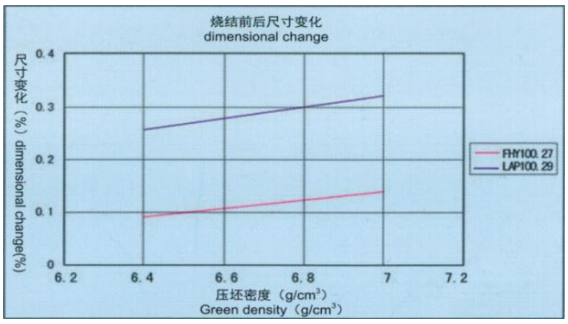
COMPRESSIBILITY AND COPACTIBILITY PROPERTIES

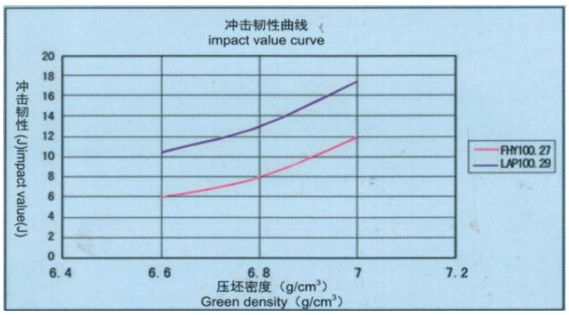


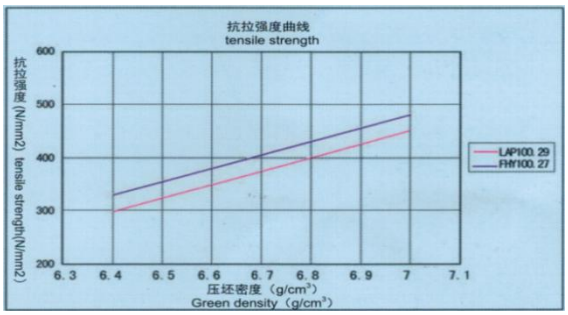


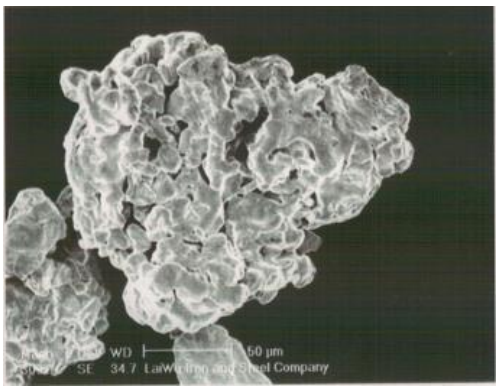
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FHY100.23









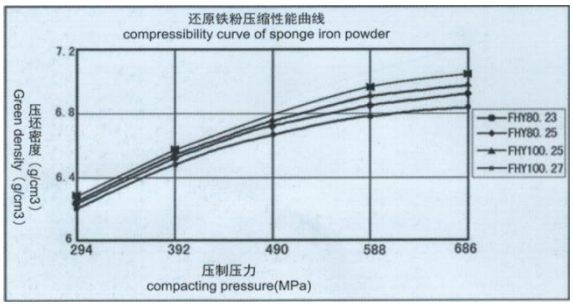
APPLICATION

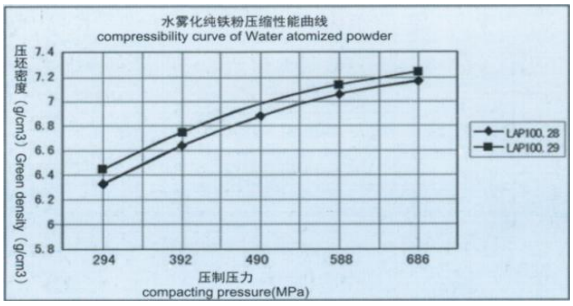
FHY100.23 is widely used for the production of medium density PM parts, the base powder of copper coated iron powder.

SPECIFICATION

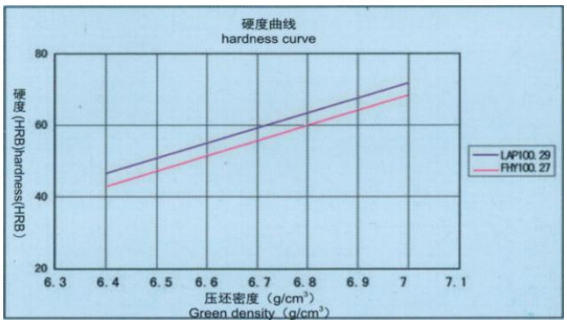
Chemical Properties（%）	Unit	Specification	
		Min	Max
C	%		0.05
Si	%		0.12
Mn	%		0.35
P	%		0.02
S	%		0.03
HL	%		0.30
TFe	%	98.50	
Physical Properties			
Apparent density	g/cm3	2.20	2.35
Flow rate	s/50g		40.00
Green density 600Mpa	g/cm3	6.60	
Particle size distribution（%）			
180-200um	%		0
150-180um	%		5
106-150um	%		
75-106um	%		
45-75um	%		
-45um	%	5	30

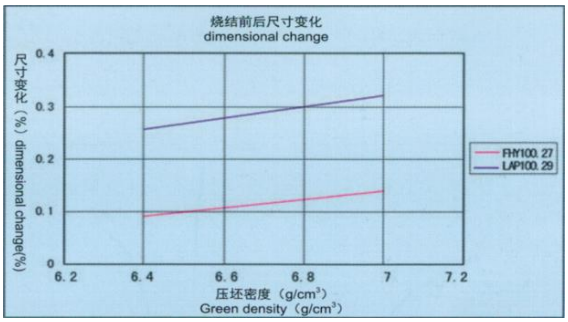
COMPRESSIBILITY AND COPACTIBILTY PROPERTIES

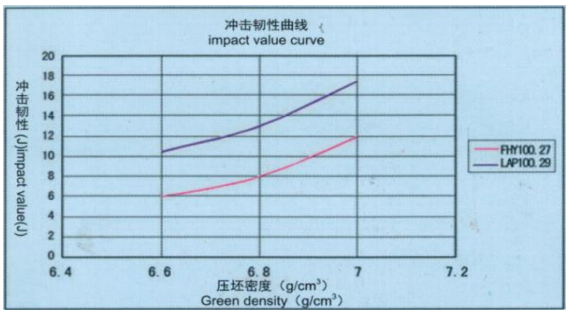


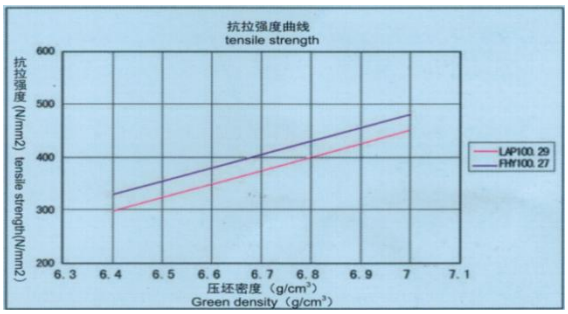


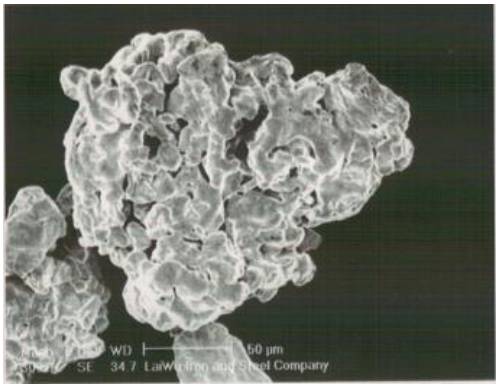
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FHY100.24









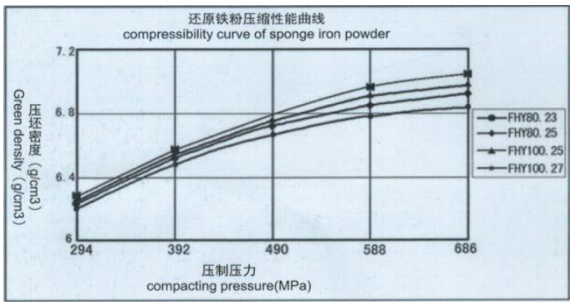
APPLICATION

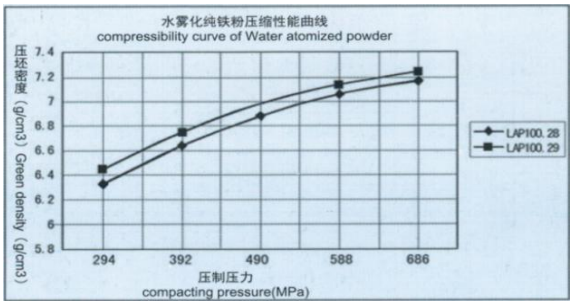
FHY100.24 is widely used for the production of medium density PM parts, high grade oil-contained bearing.

SPECIFICATION

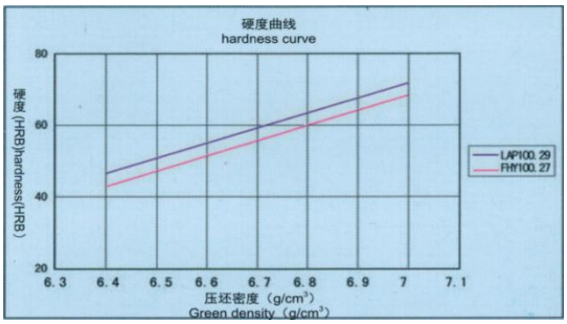
Chemical Properties（%）	Unit	Specification	
		Min	Max
C	%		0.03
Si	%		0.12
Mn	%		0.35
P	%		0.02
S	%		0.03
HL	%		0.30
TFe	%	98.50	
Physical Properties			
Apparent density	g/cm3	2.30	2.45
Flow rate	s/50g		36.00
Green density 600Mpa	g/cm3	6.60	
Particle size distribution（%）			
180-200um	%		0
150-180um	%		5
106-150um	%		
75-106um	%		
45-75um	%		
-45um	%	5	30

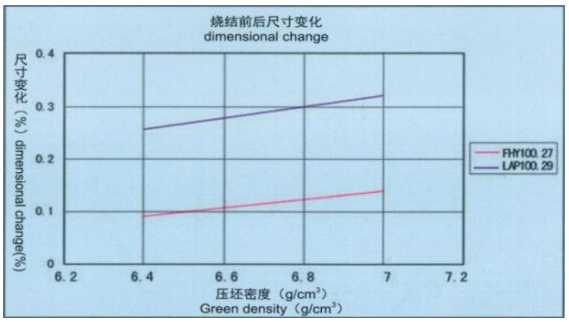
COMPRESSIBILITY AND COPACTIBILITY PROPERTIES

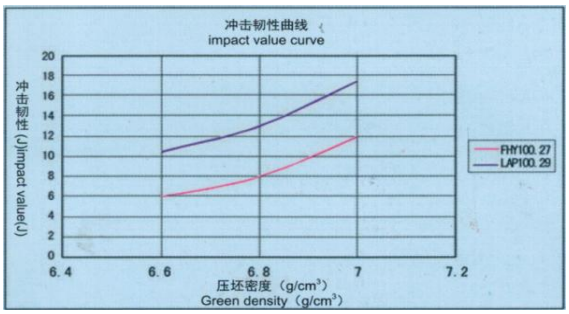


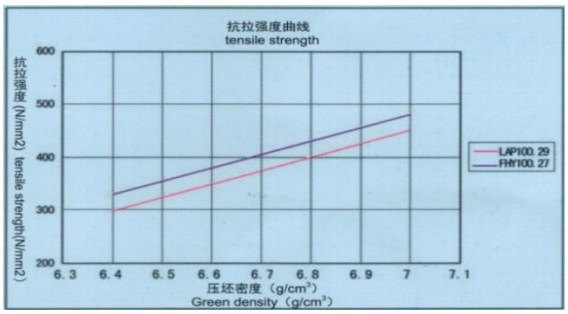


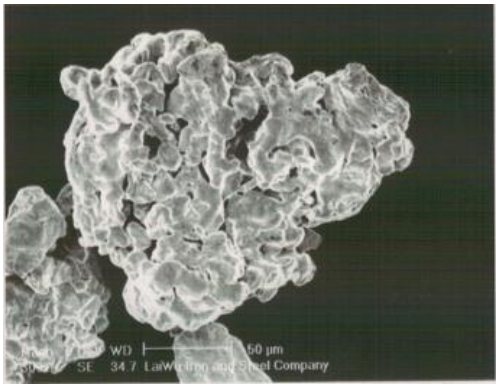
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FHY100.25







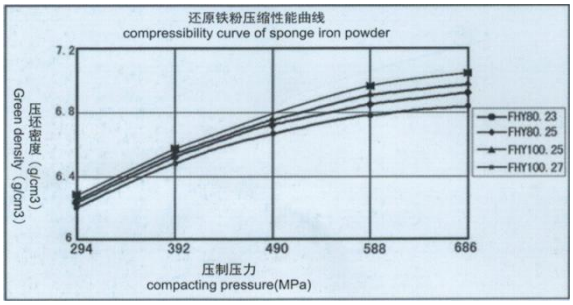


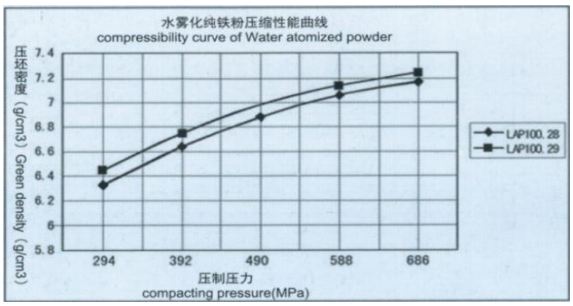
APPLICATION

FHY100.25 is widely used for the production of medium and high density PM parts

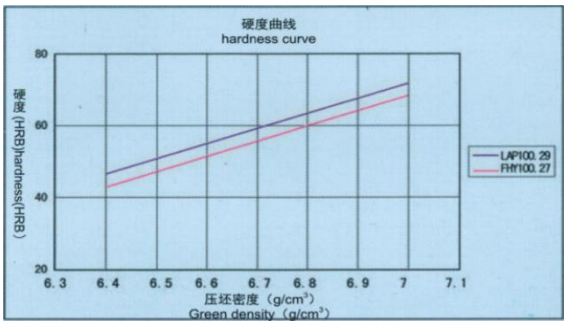
SPECIFICATION

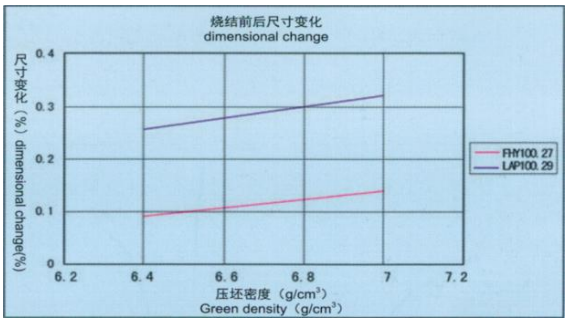
Chemical Properties（%）	Unit	Specification	
		Min	Max
C	%		0.03
Si	%		0.12
Mn	%		0.35
P	%		0.02
S	%		0.03
HL	%		0.25
TFe	%	98.50	
Physical Properties			
Apparent density	g/cm3	2.45	2.65
Flow rate	s/50g		34.00
Green density 600Mpa	g/cm3	6.60	
Particle size distribution（%）			
180-200um	%		0
150-180um	%		5
106-150um	%		
75-106um	%		
45-75um	%		
-45um	%	5	30

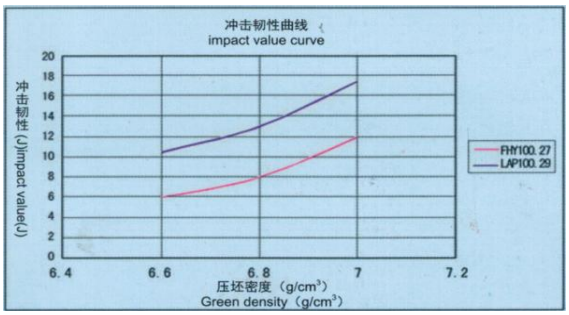


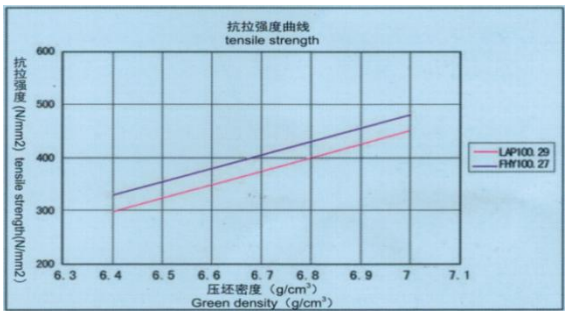


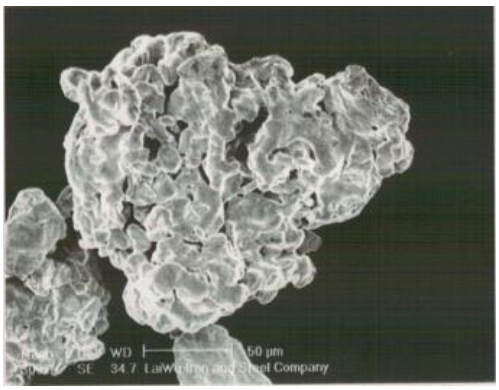
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FHY100.27









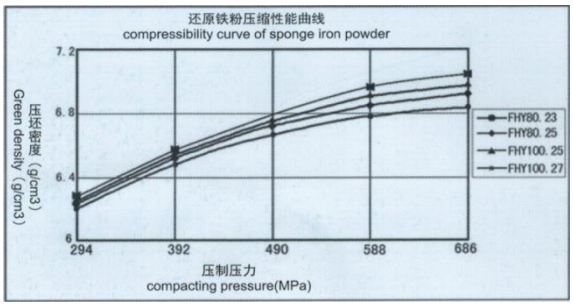
APPLICATION

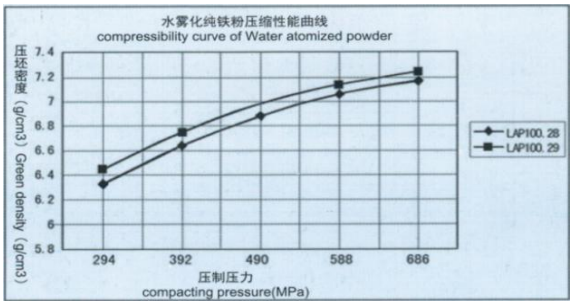
FHY100.27 is widely used for the production of high density PM parts

SPECIFICATION

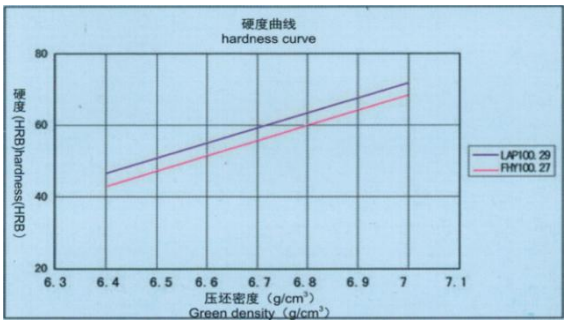
Chemical Properties（%）	Unit	Specification	
		Min	Max
C	%		0.03
Si	%		0.12
Mn	%		0.35
P	%		0.02
S	%		0.03
HL	%		0.25
TFe	%	98.50	
Physical Properties			
Apparent density	g/cm3	2.65	2.80
Flow rate	s/50g		30.00
Green density 600Mpa	g/cm3	6.70	
Particle size distribution（%）			
180-200um	%		0
150-180um	%		5
106-150um	%		
75-106um	%		
45-75um	%		
-45um	%	5	30

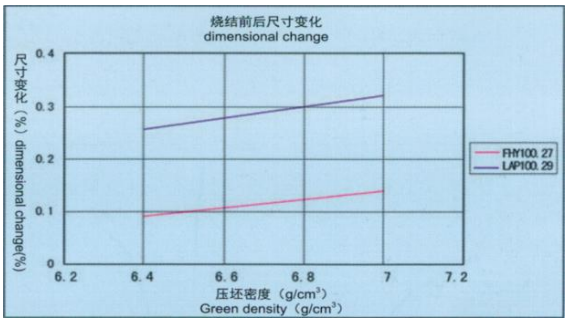
COMPRESSIBILITY AND COPACTIBILITY PROPERTIES

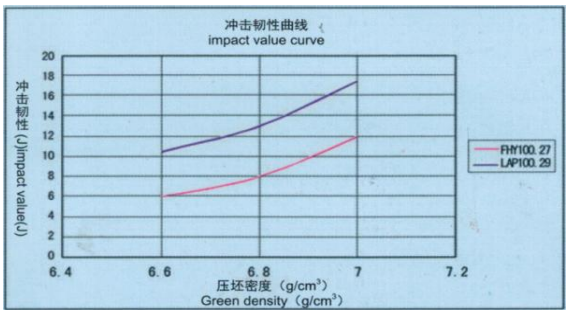


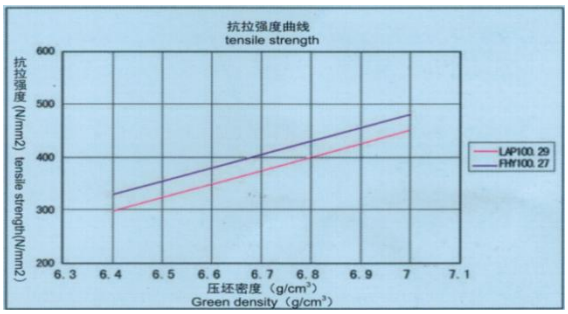


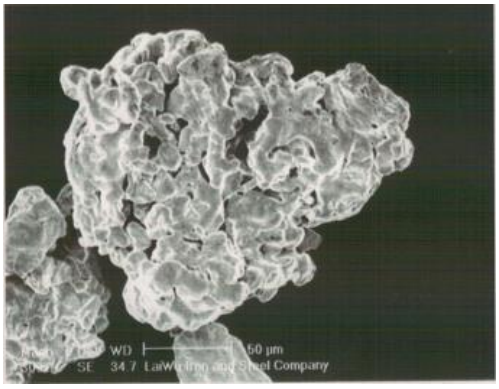
SINTERED PROPERTIES











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