



LW POWDER

LWPM



LWR 12

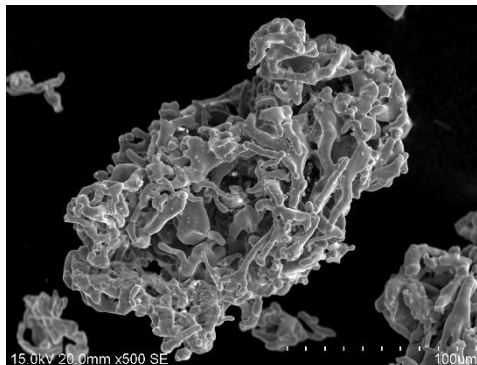
Introduction

Hydrogen reduced iron powder LWR12 is widely used for the production of friction materials with low apparent density, our powders enable a reduction of brake weight and total material usage. Moreover, their high internal porosity and large surface area provide improved brake surfaces and wear properties.

Several factors determine the right powder for your friction application, including particle size distribution, apparent density (AD) and hardness (chemical composition and treatment).

Main product benefits:

- Lower brake weight and reduction of material usage
- Improved brake surfaces and excellent pad and rotor wear properties
- Noise minimisation
- Consistent powders ensure uniform products



SPECIFICATION

Chemical Properties	Unit	Typical values(%)	Specification	
			Min	Max
C	%	0.012		0.03
Mn	%	0.350		0.65
P	%	0.080		0.012
S	%	0.009		0.05
HL	%	0.50		2.50
Acid insolubility	%	0.33		0.40
TFe	%	98.10	97.00	98.50
Physical Properties				
Apparent density	g/cm ³	1.36	1.00	1.50
Green density	g/cm ³	4.95	4.60	5.00
Particle size distribution				
20 mesh	%	0.10		2.0
60 mesh	%	43.60	30.0	70.0
100 mesh	%	24.50	10.0	35.0
325 mesh	%	26.60	11.5	29.5
PAN	%	5.20		12.0



LWPM Co.,Ltd.

Qingpu district, Shanghai, China 201700

Tel: +86-021 3137 2761

Email: info@lwpowder.com

www.lwpowder.com