

KAWASAKI STEEL TECHNICAL REPORT

No.41 (October 1999)

*Advances in Iron and Steel Technologies,
Commemorating the 30th Anniversary of
Technical Research Laboratories*

Recent Activities in Research of Iron Powder for Powder Metallurgy

Satoshi Uenosono, Shigeaki Takajo, Kuniaki Ogura

Synopsis :

About 78% of iron powder manufactured is used for sintered parts for transportation

**Recent Activities in Research
of Iron Powder for Powder Metallurgy***

Suzanne

ment is aimed at both improving basic properties and increasing productivity throughout the manufacturing process of parts to reduce their cost

0.95
min
trial (%)

Simply mixed 1.40
(C adhesion
degree = 22%)

Segregation-free treated
(51%) (80%)

15
w blocking
10
Conventional
segregation-
free powder
using
KWAX-B
(Newly developed)
Conventional

