
KIP CLEAN MIX Powders Free from Segregation

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:

KIP

100	200 mesh				20
KIP		80			
90		30		KIP	
				10	

Synopsis :

New mixed powders, KIP CLEAN MIX were developed to minimize segregation and dusting by a treatment which firmly bonds graphite and additive powders onto the surface of the iron powder particles. The segregation -free treatment gives a C-adhesion ratio (the

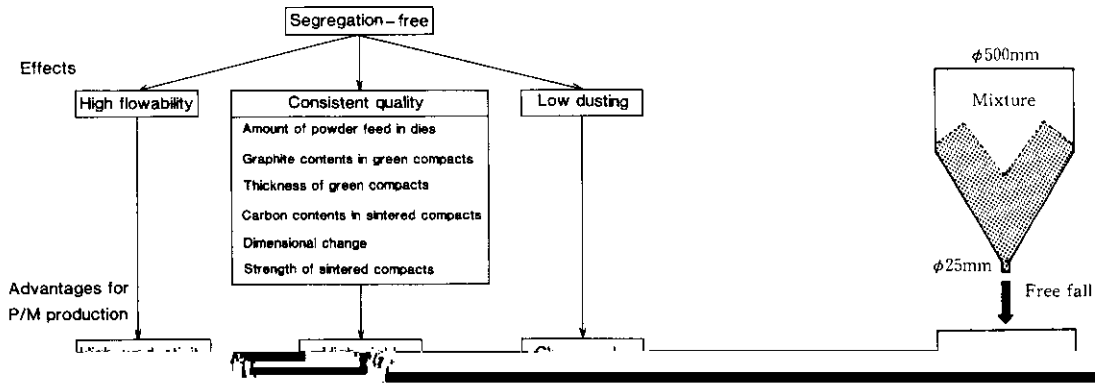
the final stage of feeding from a hopper is completely suppressed by this treatment.

Mechanical properties of sintered compacts made from KIP CLE3 (m)1t2m2.2 ()N11.7 (f)MTJ 0.0c -0.0081Tw -532 (-10d |

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要旨

鉄粉の粒子表面に黒鉛粉およびその他の添加元素を付着させるこ



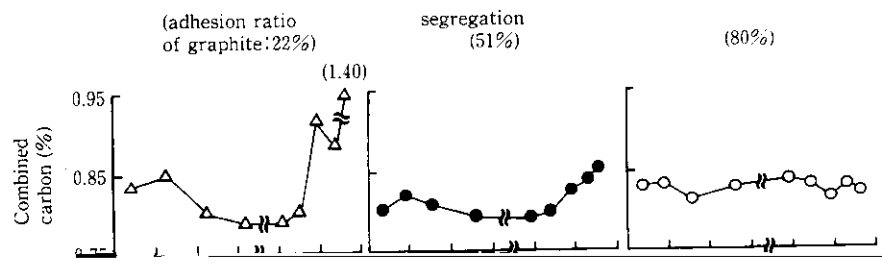
丸型介質の 100% 充填

最後に KIP クリーンミックス粉に使用する添加材の種類が特性

4.2 粉体・圧粉体特性

鉛粉の粒度を体積平均粒径で $6\mu\text{m}\sim 34\mu\text{m}$ の範囲で変動させて寸

の測定結果を Fig. 6 に示す。両組成において KIP クリーンミック



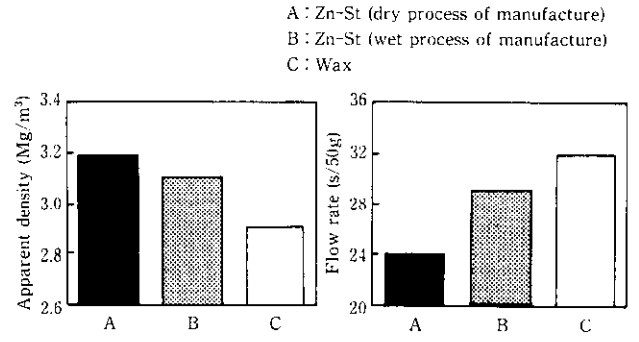
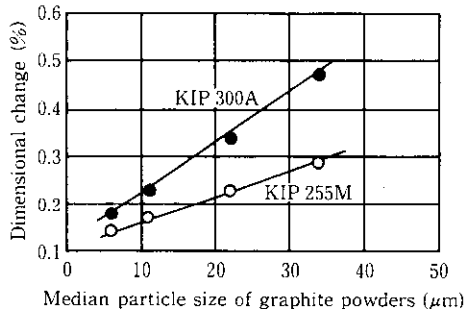


Fig. 15 Effect of average particle diameter of graphite powder