

Granules

(Bentonite)	(Kaolin & Attapuglite)
()	
:	
:(sorptivity)	(Absorption capacity) (1)
	:(Hardness) (2)
	:(Bulk density) (3)
	%15
	g/cm^3
	(4)
	(5)
	:(6)
	2 6.45

slow release	-1
	-2
	-3
	-4
	-5
	-6
	-7

)	mesh size	(
.(µm)	250		%4	
150			%1	
			(8/15)	
<hr/>				
			:	
			: cost	-1
			:	-2
			:	-3
			:	-4
		8/20 mesh		
			swath width	-1
				-2
			.(dust)	
				-3
				-4
			:	
	8	50	:	
			: pesticide stability _____	-1
attrition test			:Hardness _____	-2
			:	
6.35	(10)	jar	3	-
			.(1/4)	
		3		-
		60		-
humidity			:Absorption capacity _____	-3
			chamber test	

:Sieving method _____ (

:_____ (

:Sedimentation methods _____ (

$$v = \frac{d^2 g (\sigma - \rho)}{18 \eta}$$

$$\text{ms}^{-1} = v$$

$$9.81 \text{ ms}^{-2} = g$$

$$= \rho$$

$$\text{Kg m}^{-3} = \sigma$$

$$\text{.poise} = \eta$$

:Conductivity methods _____ (

:_____

2200

:A Standard test method (ASTM)

$$\% \text{ resistance to attrition} = \frac{a \times 100}{b}$$

b

a

/ 20 - 10

:_____

100

2 -1
-2

: Bulk density

$$: \frac{\text{Bulk density}}{(v1) \quad 100} \quad ($$

5

W1

:

W2

$$.W1 - W2 = (\quad)$$

100 =

$$\frac{W2 - W1}{100} =$$

$$: \frac{\quad}{\quad} \quad ($$

15

(v2)

20

:

. /

$$= \frac{W2 - W1}{V2} =$$