

# Cat litter test report

( 2020. 07. 25. )

## 1. Absorption test

- 1) Fill a paper cup (175ml) with cat litter for each type.
- 2) Fill a paper cup (175ml) with 10ml of water
- 3) Put it in the cat litter at the same time.
- 4) Immediately lift the cat litter with water on the scale.
- 5) Weigh by type.

## Absorption rate test

ITEM	Sample Bentonite				Comparative sample
	MK-WS	MK-WO	MK-PS	PK-PN	U,S,A. bentonie
Cat litter weight (g)	100	100	100	100	100
Water input amount (g)	10	10	10	10	10
<b>Average water absorption (g)</b>	<b>37.18</b>	<b>39.49</b>	<b>37.49</b>	<b>34.44</b>	<b>36.56</b>
1st test	33.59	39.69	38.11	35.26	37.06
2nd test	37.30	38.90	36.58	34.41	36.03
3rd test	40.65	39.88	37.79	33.64	36.60
Weight remaining (g) (with water)	62.82	60.51	62.51	65.56	63.44
Bentonite average consumption (g)	26.60	29.80	27.40	24.50	25.70

## 2. Coagulation test

Five test samples are dropped three times at a height of 0.5 m.

### Coagulation test

ITEM	Sample Bentonite				Comparative sample
	MK-WS	MK-WO	MK-PS	PK-PN	U,S,A. bentonie
1st survival rate	60%	50%	60%	50%	100%
2nd survival rate	40%	30%	40%	40%	100%
3rd survival rate	30%	30%	30%	35%	100%
<b>result</b>	<b>20%</b>	<b>20%</b>	<b>30%</b>	<b>35%</b>	<b>100%</b>

**It is judged that the level of the product in its current state is "B" grade.**