

(7) -

(2)

1.

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(Hybrid Clay Barrier, HCB)

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가

· 가 가 가

·

2.

HCB

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·

,

(

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가 < 1>.

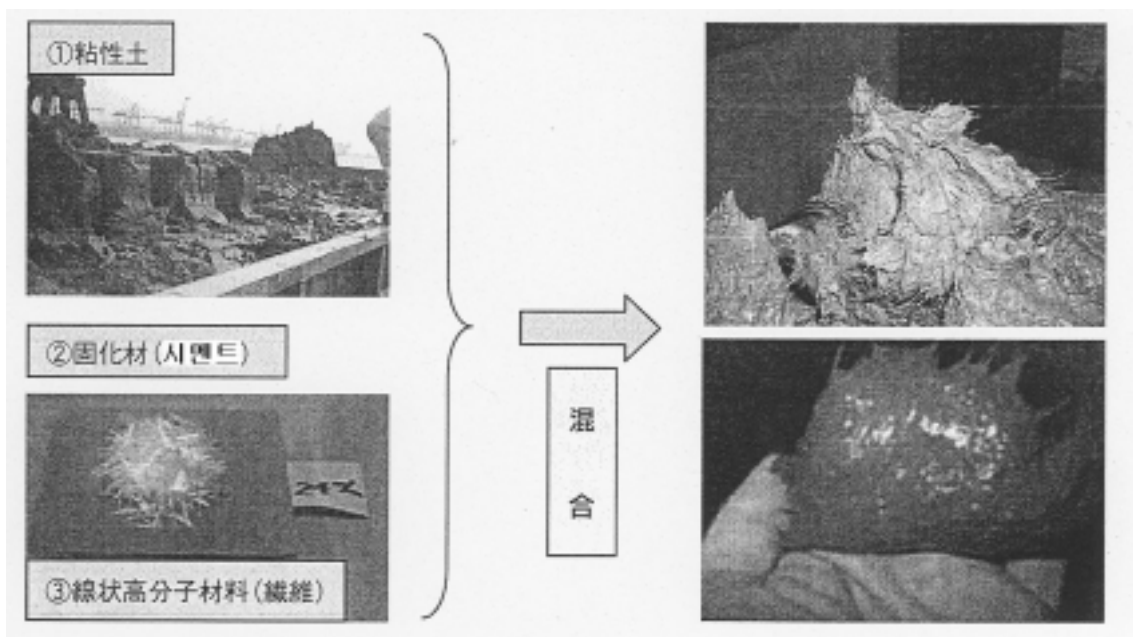
() < 2> .

가 ,

가 .

, 가

.



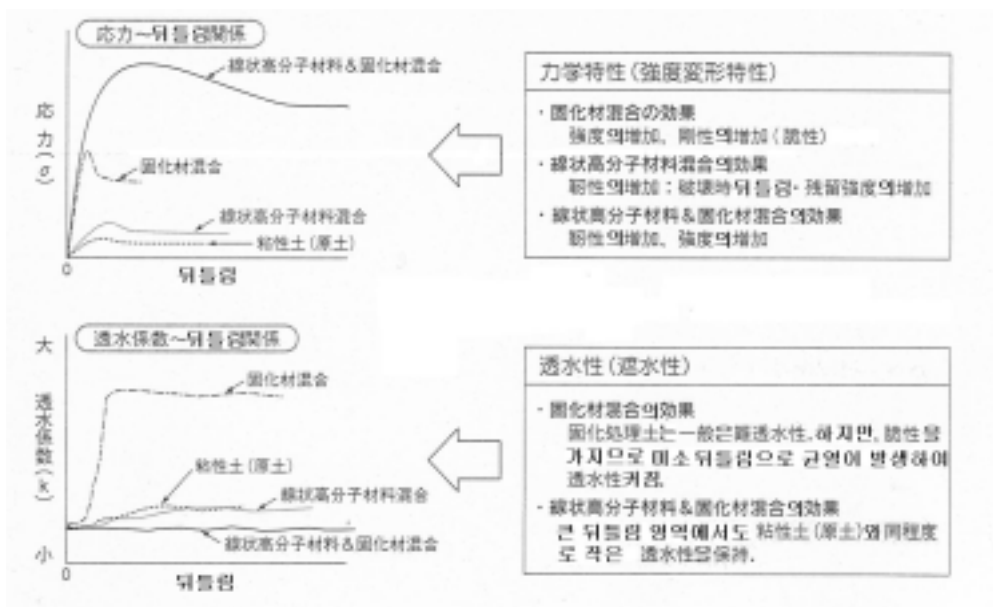
< 1>

, , ,

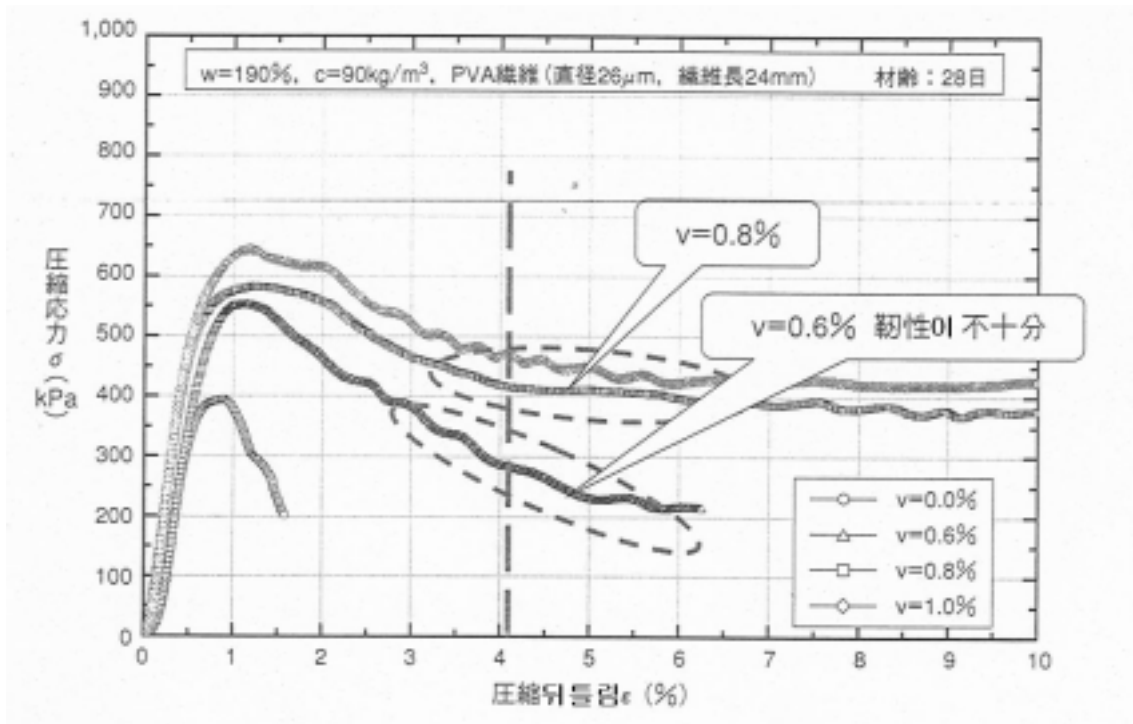
, . ,

< 3> w=190% B
 (c=90kg/m³) 가 , PVA (: 26 μ m, : 24mm)
 v=0~1.0% 4가 28 (,
 28 ,)
 가 ,
 0.8%

가 . 가
 . 1.0% PVA
 10⁻⁷cm/s
 , 가



< 2>



< 3>

< 4> . 5 ,
(: , : 26 μ m, : 20mm) < 1>

w=200%, c=100kg/m³, () v=1.0%

. < 4> (a) 7 , (b) 28

. 7 , 28

가

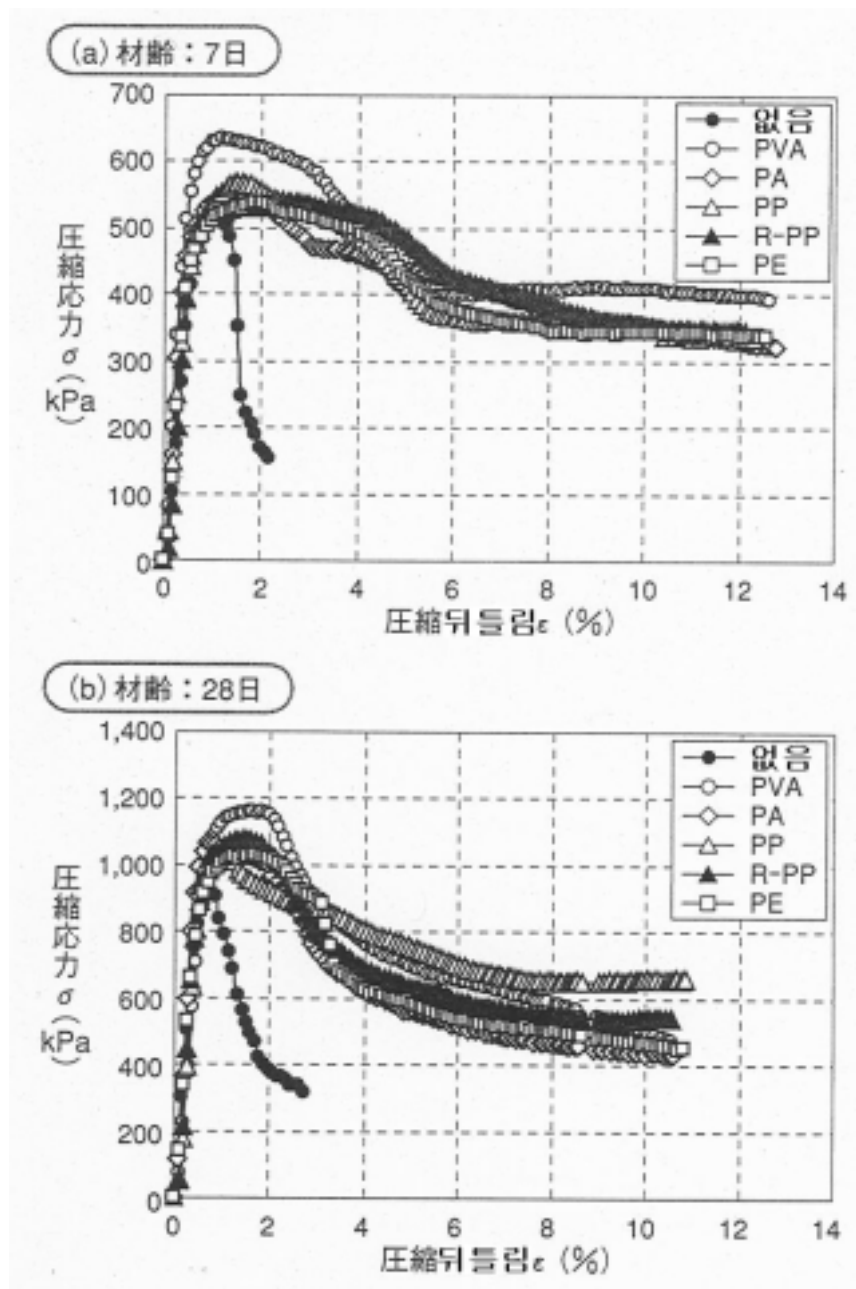
(R-PP)

가

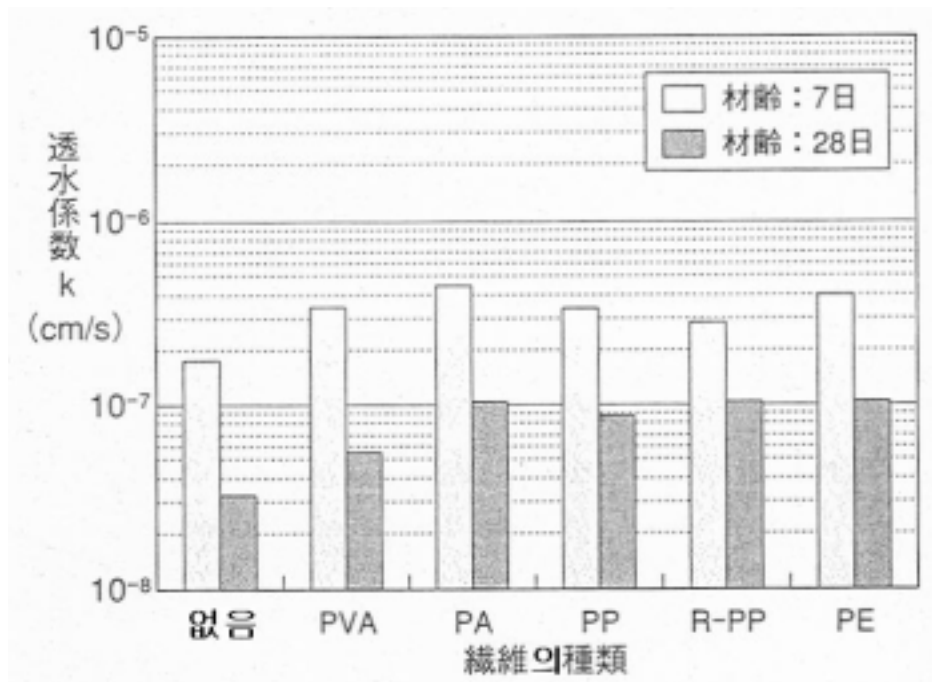
. < 5> 5

7 28 1

$\times 10^{-6}\text{cm/s}$



< 4> ()



< 5> ()

< 1>

	(PVA)	(PA)	(PP)	(R-PP)	(PE)
(dtex)	6.92	6.64	5.67	5.37	5.22
(cN/dtex)	7.33	3.25	3.45	2.49	1.74
(%)	5.8	48.5	157	191	200<
(cN/dtex)	196	16.2	29.1	13.4	12.4