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KCl NaCl

KCl NaCl

3% *NaCl* + 0.1% *KCl* : B : A
 9% *NaCl* + 0.3% *KCl* : D 6% *NaCl* + 0.2% *KCl* : C

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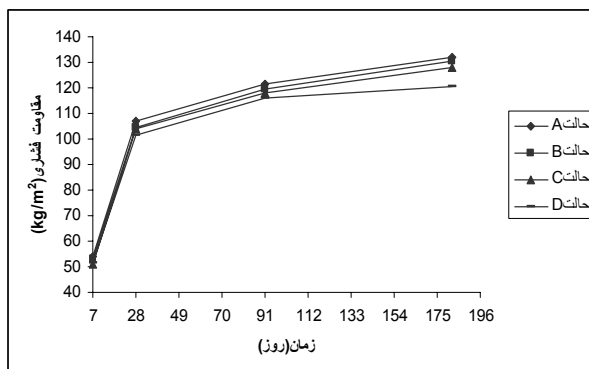
	()	(kg/cm)	(kg/cm)
A		'	
		'	'
		'	'
		'	'
B		'	
		'	'
		'	'
		'	'
C			
			'
		'	'
		'	'
D		'	
		'	'
		'	'
		'	'

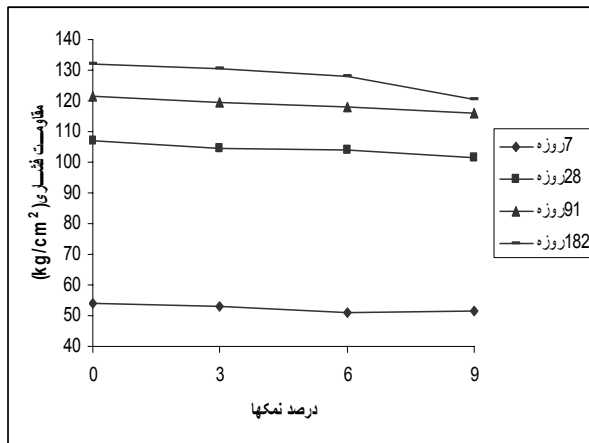
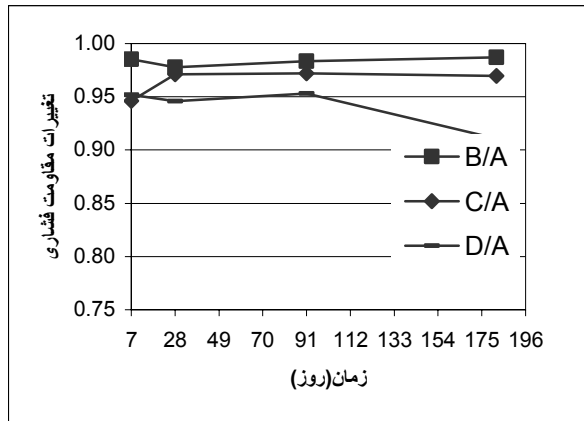
(D)

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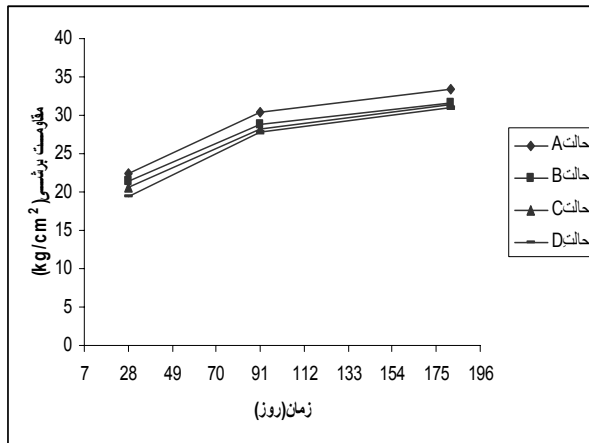




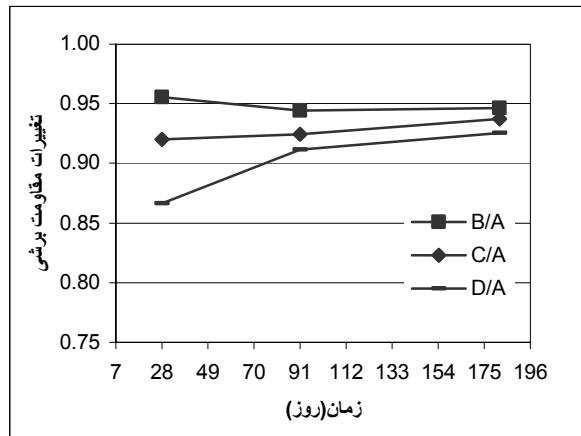
(A)

(D)

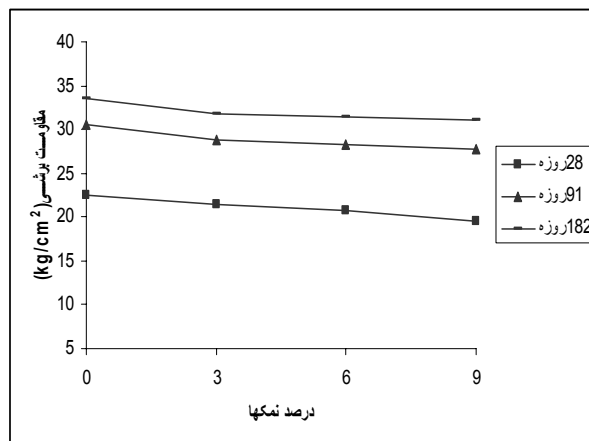
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(D)

	()	(kg/cm)	(kg/cm)	—	(%)
A		'	'	'	
		'	'	'	
		'	'	'	
B		'	'	'	
		'	'	'	
		'	'	'	
C		'	'	'	
		'	'	'	
		'	'	'	
D		'	'	'	
		'	'	'	
		'	'	'	

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- American Concrete Institute, (), Roller compacted Mass Concrete, Report , R.
- Carthy, Jones M. , Dhir, RK. , () " Chloride resistant concrete " Concrete , proceeding of the International conference hold at the University of Dundee, Scotland , U.K. , PP.
- Byung Hwan Oh .,Soo Won Cha .,Bong Seok Jang .,Seung Yup Jang .() "Development of high-performance concrete having high resistance to chloride penetration" , J. Nuclear Engineering and Design , Vol. PP.

- Maher, A. , Bader. ()" Performance of concrete in a coastal environment " J. Cement & Concrete Composites , Vol. , PP.
- Rum u. , Changwen Miao. , Xin Luo. , Wei Sun () "Interaction between loading , freeze-thaw cycles , and chloride salt attack of concrete with and without steel fiber reinforcement" , J. Cement & Concrete Research , Vol. , PP.
- Quanbing Yang. () "Inner relative humidity and degree of saturation in high-performance concrete stored in water or salt solution for years" , J. Cement & concrete Research Vol. , P P.
- Young-Shick Park. , Jin-Kook Suh. , Jae- Hoon Lee. , Young-Shik Shin. () "Strength deterioration of high strength concrete in sulfate environment" , J.Cement & Concrete Research , Vol. , PP.

- M.R.H. ,Dunstan. , Hayford Hall. () Roller Compacted Concrete Dams , Handbook of Water Power and Dam Construction , PP.
- Kenneth Hansen.G. , William Reinhard. , , Roller Compacted Concrete Dams , Mc Grow-Hill .