

# Gilyoung SNC

(Engineer Designed Modified Asphalt concrete)

## EDMA



 (주) 길영에스앤씨

# EDMA

1.

y

2.

[ ] [ ]

(2.1)

(2.1.1)

60-80 AP-5  
PG 76-22 KS F 2389

(2.1.2)

1

2

1.

( )	KS F 2503	2.5
(%)	KS F 2503	3.0
(%)	KS F 2508	35
BA (%)	KS F 2507	12
(%)	KS F 2575	20

2.

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( )	KS F 2503	2.5
(%)	KS F 2503	3.0
BA (%)	KS F 2507	15

(2.1.3)

(F e) KS F 3501( )

77 1% y

3

3.

	(%)
600 (N .30)	100
300 (N .50)	95 -100
150 (N .100)	90 -100
75 (N .200)	70 -100

(2.2)

4

4. EDMA

	EDMA			
	BA			
	WC-2 (13 )	WC-3 (19 )	WC-6 (13 )	WC-5 (19 )

	25	-	100		100
	19	100	90 100	100	90 100
	13	95 100	72 90	90 100	69 84
	10	84 92	56 80	73 90	56 74
	5	55 70	35 65	40 60	35 55
	2.5	35 50	23 49	25 40	23 38
	0.6	18 30	10 28	11 22	10 23
	0.3	10 21	5 19	7 16	5 16
	0.15	6 16	3 13	4 12	3 12
(%)	0.08	4 8	2 8	3 9	2 10

(2.3)

(2.3.1) EDMA

15

(2.3.2)

(2.3.3)

(2.4)

(2.4.1) (D )

(2.4.2) (Ta L )

(2.4.3) K , y

y , ,

(2.4.4)

30

(2.5) EDMA

EDMA

KS F 2377

5 6

5. EDMA

			BA	
	WC-2	WC-3	WC-6	WC-5
( )	75		75	
( )	750		750	
(%)	3.0 6.0		3.0 5.0	
(%)	65 80		70 85	
(1/100 )	20 40			
( / )	2,000 /			
(TSR)	0.8			

(2.6)

K

3 ,

$$(\ / ) = \frac{(\ )}{(\ ) - (\ )} \quad (\ / )$$

### 3.

#### (3.1) EDMA

1,000

K, , BA

K (Ba ) ,

#### (3.1.1)

1) (Fee e )

K (D e )

( b )

2) : 2

3) (D e)

4)

3K

5) (H b )

y

y

y

(B )

6)

7)

π

π

y

π

8)

0.5%

1%

9)

15%

1%

10)

(S a e )

11)

(H e )

12)

(P M )

2

(T eL )

13)

(S )

14)



(3.1.2)

1) - 4)

1)

.

.

,

.

.

2)



3)

.

,



6. EDMA y

DRY ( )	( )	AP ( )	( )	( )
170 190	160 180	165 5	170 10	145 155

(3.2.2)

3 5

(3.3)

5

(3.4)

(3.4.1)

(3.4.2)

1,000

(3.4.3)

77 , , , , ,

(3.4.4)

(3.4.5)

(3.4.6)

(3.5)

(3.5.1)

4%, 4.76 , 2.38 , 0.6 , 0.3 , 0.15 19 10 3%, 0.08  
2% .

(3.5.2)

(3.6)

(3.6.1)

(3.6.2)

(3.7)

(3.7.1)

(3.7.2)

(3.7.3)

(3.8)

(3.8.1)

y

(3.8.2)

155

天

(3.8.3)

20

(3.9)

(3.9.1)

12

1 1

1 ,

1 , 10

5 /

(3.9.2)

(3.9.3)

97%

(3.10)

(3.10.1)

, , , K  
K  
.

(3.11)

(3.11.1)

( ) y

(3.11.2)

, ,  
.  
.

(3.11.3)

.  
元  
.

(3.12) y

(3.12.1) y y 3 3

(3.12.3) ,  
.

(3.13)

(3.13.1)

(3.13.2) 10% 5%

(3.13.3)

### EDMA

	EDMA	
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	. Oe AP . БА . БА . БА	- БА . БА
	PG76-22	PG64-22(AP-5)
	(13 , 19 ), БА(19 )	(20 )
AP	5 - 6%	5.- 6%
	175	160
	160	150
	1 , 1 ,	1 , 1 ,
	y	y
	2	2-3
	3000	300
БА		
БА		
	. БА . .	. БА . .

	.	<ul style="list-style-type: none"><li>• <math>\mathbb{R}</math></li><li>• <math>\mathbb{R}</math></li><li>• <math>\mathbb{Y}</math></li></ul>
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