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**KS**



KS M 3509 : 2003

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( 02 - 509 - 7268 )  
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Polyethylene films for packaging

1. ( ) .

2. .

KS A 1013

KS M 3503

3. 1 .

1

1		0.925g/cm <sup>3</sup> ( )
2		0.941 g/cm <sup>3</sup>

4. 가 .

5. .

6. 2, 3 4

2, 3

4 , +4 0%

**2**

	mm	%		m	%
	0.020	± 12	± 40	100	+ 4 0
	0.030	± 10	± 30	250	
	0.040	± 8	± 30	500	
	0.050	± 8	± 30		
	0.060	± 8	± 25		
	0.070	± 8	± 25		
	0.080	± 8	± 25		
	0.100	± 8	± 20		
	0.150	± 8	± 20		
	0.200	± 8	± 18		
	0.250	± 8	± 18		

**3**

	mm	%		m	%
	0.010	± 10	± 30	100	+4 0
	0.015	± 10	± 25	250	
	0.020	± 10	± 25	500	
	0.025	± 10	± 25		
	0.030	± 10	± 25		
	0.040	± 8	± 25		
	0.050	± 8	± 20		
	0.060	± 8	± 20		
	0.070	± 8	± 20		
	0.080	± 8	± 20		
	0.100	± 8	± 20		
	0.150	± 8	± 20		
	0.200	± 8	± 18		
	0.250	± 8	± 18		

**4**

	mm	%		m	%
	0.010	± 10	± 30	100	+4 0
	0.015	± 10	± 25	250	
	0.020	± 10	± 25	500	
	0.030	± 10	± 20		
	0.040	± 8	± 20		
	0.050	± 8	± 15		

7.

7.1

7.2

5, 6 7

5

mm	N/cm <sup>2</sup>	%	N/cm		가	g/m <sup>2</sup> · 24h( 0.1 mm )
0.020	1 470	180	490	450	10	9
0.030	1 570	200	540	490		9
0.040	1 570	250	540	490		9
0.050	1 670	250	690	590		9
0.060	1 670	300	690	590		7
0.070	1 670	300	690	590		7
0.080	1 670	350	690	590		7
0.100	1 770	350	740	640		7
0.150	1 770	350	740	640		5
0.200	1 770	350	740	640		5
0.250	1 770	350	740	640		5

6

mm	N/cm <sup>2</sup>	%	N/cm		가	g/m <sup>2</sup> · 24h( 0.1 mm )
0.010	2 450	250	640	490	10	9
0.015	2 260	250	640	490		9
0.020	2 260	300	640	490		9
0.025	1 960	300	640	490		9
0.030	1 960	350	740	590		9
0.040	1 960	350	740	590		9
0.050	1 960	350	740	590		9
0.060	1 960	380	790	690		7
0.070	1 960	380	790	690		7
0.080	1 960	400	790	690		5
0.100	1 960	400	790	690		5
0.150	1 960	400	790	690		5
0.200	1 960	400	790	690		5
0.250	1 960	400	790	690		5

7

mm	N/cm <sup>2</sup>	%	N/cm		가	g/m <sup>2</sup> · 24h(0.1 mm )
0.010	3 920	150	1 380	980	10	4
0.015	3 430	250	1 280	980		4
0.020	3 430	250	1 180	980		4
0.030	2 940	300	1 080	890		4
0.040	2 450	350	1 080	890		4
0.050	2 450	350	1 080	890		3

8.

8.1 KS M 3503 7.1( )

8.2 KS M 3503 7.2( )

8.3 KS M 3503 7.3( )

8.4 KS M 3503 7.4( )

8.5 KS M 3503 7.5( )

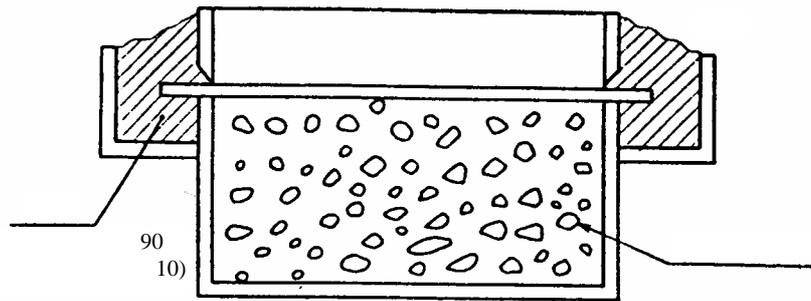
8.6 KS M 3503 7.6( )

8.7 KS M 3503 7.7( )

8.8

a) KS A 1013 1

가 , 40±1 , (90±2)% . 24 가 , 가 가



1

b) 8.1 3 2 6 , g , g/m<sup>2</sup> · 24h 0.1 mm

$$(g/m^2 \cdot 24h) = \times \frac{(mm)}{0.1(mm)}$$

8.9

4

a) 가 1

b) , 5, 6 7

9. 1 , , ( , , )

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135 - 513 701 - 7  
(02)6009 - 4567  
(02)6009 - 4887 4888  
<http://standard.ksa.or.kr>

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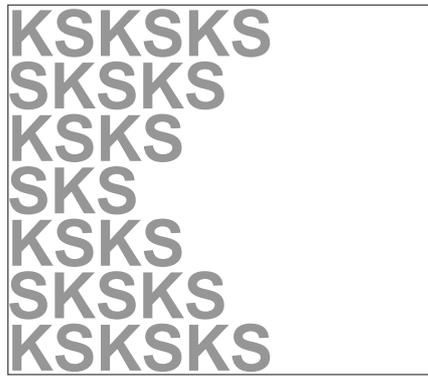
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607 - 822	1 - 11( 10 ) (051)557 - 1239
702 - 012	2 1741( 가 3 ) (053)384 - 1562 4
402 - 714	989 - 1( 11 ) (032)420 - 0120 3
442 - 270	111 - 8( 9 ) (031)259 - 7000 9
200 - 041	17가 9( 4 ) (033)252 - 9423, 254 - 9423
361 - 802	가 1508 - 1( 6 ) (043)236 - 2451 3
305 - 343	23 - 14( 5 ) (042)864 - 2301 3
561 - 841	17가 337 - 2( 7 ) (063)214 - 2235 7
506 - 301	621 - 15( 5 ) (062)953 - 1435 7
641 - 740	7 - 4( 501 ) (055)266 - 4744 6
683 - 804	758 - 2( 2 ) (052)289 - 6601 3
425 - 852	773 - 9( 4 ) (031)492 - 5780, 8451 2
730 - 350	92 - 30( 8 ) (054)473 - 6954
480 - 848	2 487 - 6( 3 ) (031)829 - 8182 4

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## Polyethylene films for packaging

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ICS 83.140

KOREAN STANDARDS ASSOCIATION