

3

(A) 0.948 0.964 g/cm³, 6 20 g/10 (MFI) 2 5
 M_w / M_n 40 65 %, 0.1 0.35 g/10 (MFI) 6 20
 (B) 0.935 0.953 g/cm³, 0.1 0.35 g/10 35 60 %, 1.0 2.0 g/10
 (C) 가 , 가 0.948 0.957 g/cm³, (A) (B) (D=D (A) -D (B))가 0 0.029 g/cm³

DE-C 34 37 116

59 0.964 g/cm³ (A) , DIN 53 479 가 0.948 0.964 g/cm³, 0.9
 /10 , 6 10 g/10 , DIN 53 735 190 2.16 kg 가 6 20 g
 M_w / M_n 135 1,2,4- () GPC
 40 65 %, 55 60 %
 (A) , DE-A 34 33 468, (Ziegler)
 C₃-C₁₂ - -1-
 , 1- , 1- , 1- 1- C₃-C₈ - -1- 0.5 % - -1- 1
 (B) , DIN 53 479 가 0.935 0.953 g/cm³, 0.9
 35 0.941 g/cm³ , DIN 53 735 190 2.16 kg 가 0.1 0.
 35 g/10 , 0.1 0.2 g/10 , 135 1,2,4- () G
 M_w / M_n 6 20, 8 15
 35 60 %, 40 45 %
 (B) , DE-A 25 40 279 (Phillips)
 C₃-C₁₂ - -1-
 (B) 0.5 2 % - -1- -1- 0.5 3 %, 1- , 1- , 1- 1- C₃-C₈ - -1-
 , 1- , 1- , 1- 1-
 , 가 , 가 0 6 %, (Ca
); , , ; TiO₂,
 TiO₂ , 가
 DIN 53 479 , 0.948 0.957 g/cm³, 0.948 0.
 954 g/cm³ , 190 2.16 kg DIN 53 735 , 1.0 2.0 g/10

M_w / M_n (GPC) (A) (B) , 3 10, 135 1,2,4-
 (D) (D=D (A) -D (B)) 0 8 0.029 g/c
 m^3 , 0 0.024 g/cm³ .
 (A), (B) , (C)
 가 가 (A), (B) 140 250 (C)
 가 가 2 ,
 () (10 10.1, BASF
 AG: 270 , 30 , cm). BASF 12
 , 180 270 (threaded mold) (28.2 mm)
 , 50 , mm
 가 ,
 (20 cm) 가 (

< 1 5 >

(A)() (B)(/1- (Werner amp; Pfeleiderer ZSK 53)
 Ca 가 (Irganox) () 1076 0.3 %
 (1)

: 50 kg/
 : 120 /
 : 200
 (A) :

(DE-A 34 33 468, 1)
 MFI[g/10] (190 /2.16 kg): 8.2
 [g/cm³] : 0.9615
 M_w ¹⁾ : 80,000
 M_w / M_n ¹⁾ : 4
 /1- (B) :

(DE-A 25 40 279,)
 MFI[g/10] (190 /2.16 kg): 0.15
 [g/cm³] : 0.9372
 M_w ¹⁾ : 200,000
 M_w / M_n ¹⁾ : 9

1) (1,2,4- , 135 , PE).

[1]

(A) (B)

	1	2	3	4	5
1) (B):(A)	40/60	42.5/57.5	45/55	47.5/52.5	50/50
MFI[g/10] (190 /2.16 kg)	1.79	1.56	1.52	1.37	1.23
[g/cm ³]	0.9520	0.9515	0.9518	0.9512	0.9502

, 270 (cm)	28.9	29.1	28.8	28.6	29.7
(mm)					
	28.19	28.20	28.24	28.18	28.25
	28.18	28.19	28.23	28.18	28.23
	28.20	28.23	28.25	28.19	28.26
M _w	-	139	-	-	141
M _n	-	25	-	-	21
M _w / M _n		6			7
1)	%				

(57)

1. (A) 0.948 0.964 g/cm³, 6 20 g/10 (MFI) 2 5
 M_w / M_n 40 65 %, (B) 0.935 0.953 g/cm³, 0.1 0.35 g/10 (MFI) 6 20
 M_w / M_n 35 60 %, (C) 가 0 6 %
 M_w / M_n 3 10, 가 0.948 0.957 g/cm³, (A) (B) 가 1.0 2.0 g/10, 0.029 g/cm³
2. (A)가 55 60 %, (B)가 40 45 %
3. (A) 가 0.959 0.964 g/cm³, (B) 가 0.935 0.941 g/cm³
4. (A) 가 6 10 g/10, (B) 가 0.1 0.2 g/10
5. (A)가 -1- 1 %, (B)가 -1- 0.5 3 %
 -1- -1- C₃-C₁₂ -1-
6. (A) 가 0 6 %, (B) 1 3, 가
- 7.
- 8.