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(30) 10/071,176 2002 02 08 (US)

(71) 37660 100

(72) 98052 95 18100 3083

37617 790

37604 3503

(74)
:

(54) /

/ , UV -

(profile)

(cap)

(UV)

(UV)

(regrind)

UV

UV

(HDT)

UV

15 40 %

60 85 %

80 100 15 35 %

1,4-

UV

UV

UV
(multi-wall)

(glazing),

15 40 %

60 85 %

4- 80 100 15 35 %

1,

UV

UV

UV

%

3,028,365 , 3,334,154 , 3,915,926

UV-

가

가

UV

UV

(HDT) 가

, ASTM

D648

가

가

UV

가

- ASTM D648

- ASTM D3359-97

1

1

Bayer) (MAKROLON) 5308 () A , ASTM D1238 ()
 300 1.2kg 11.5g/10) 2470 (1120kg),
 130 (58.9kg) , 3000 (JAYGO) JRB
 100 95:5 가 25r
 pm 가 10 2600 (11
 79kg) . 40mm - (Werner-Pfleiderer) ZSK-4
 0 2 250rpm 1 :

[1]

	1()	2	3	4	5	6	7	8	9()
()			180	220	220	220	220	220	230
()			356	428	428	428	428	428	446

6 (: 3.61mm, 0.142)
 240 (464) (95%) (5%)
 (Accu Rate, Inc.) (Accu Rate) MDL 8000W (loss-in-weight)
 ht) / (68kg/) 7 150
 6 (rod) 25 (77)
 (John Brown, Inc.) (Cumberla
 nd Engineering Division) (Cumberland) 6 (Quietizer)
 any) (Carrier) IDLM-1-240-S (Carrier Vibrating Equipment Comp

1 , 5 %
 95 %
 23 % 77 %
 nt) 1121(() A , ASTM D1238 300 1.2kg 1804 (Ti
 10) . 1,4- (CHDM) 100 %, (IPA) 26 % 6g/
 0.72dL/g I.V. (TPA) 74 % 250
 (121) 4 6 . , 150
 (65.6) 4 6 (Conair) WSB-240
 22 (10kg), 73 (33.2kg) 5 (2.3
 kg) (Breyer) , WSB-2
 40 3.5 (90mm) (Equipment No. 190-63846-1)
 . 2 가 :

[2]

	()	(satellite)	()		()
1	525(274)	1	515(268)	23	475(246)
2	525(274)	2	515(268)	25	478(248)
3	450(232)	3	515(268)	27	478(248)
4	450(232)	4	515(268)	29	475(246)
5	450(232)		515(268)	31	475(246)
6	450(232)		515(268)	24	475(246)
7	450(232)			26	478(248)
	450(232)			28	478(248)
	450(232)			30	475(246)
	450(232)			32	475(246)
	450(232)				
	450(232)				
	450(232)				

3:1 L/D (barrier) 2 5
 65 (18.3)
 가 0.118 (3mm) . 71 / (rpm)
 43rpm (Cloeren) (Maag) , 52 (1320mm)
 UV . UV . 2
 4 6) . PC() UV DP1-1092(250
 1.37 (35mm) UV 65 (18.3)
 가 UV
 20rpm
 UV 1 185 (85) , 2
 190 (88) , 3 243 (117) . 34.60 / (0.950m/)

620 / (281kg/)
 (edge trim knife)
 2ft×4ft(0.610m×1.220m)

가
 가
 15%가
 ASTM D3359-97
 . 5B 0% . 3B 5

200T 205T (Spraylat Corporation) (Lacryl) 가
 가 (alloy) 1 가
 / 3 :

[3]

PC	-200T,	5B
PC	-205T,	5B

가 UV /
 가 (HDT) UV 1 /
 HDT 가 75 μ , 1 / 가 3mm
 . ASTM D648 UV 가 1 4
 / :

[4]

	PC /	/
HDT ASTM D648 264psi, 1.82MPa	196 /91	187 /86
HDT ASTM D648 66psi, 0.455MPa	207 /97	196 /91

4 , 가

HDT 가

2

UV , 5411 UV 1 . 2 UV 3638 UV
가 1

3

1 / , 2608
1

가

(57)

1.

1 ;

(A) 60 85 15 40 % 2 , (B) ,

가,

(a) , 1,4- , 65 85 %; 15 35 %; 4 40
0 20 % ;

(b) 1,4- 80 100 % 3 12 0
20 % ,

%가 100 % ,

%가 100 % ,

가 200 % ,

2.

1 , 가 ASTM D2857-70 0.5 1.5dL/g

3.

1 ,

- 1 4. , 1,4- 100 % .
- 1 5. , 가 1,4- 100 %, 26 % 74 % .
- 1 6. , 가 가 .
- 1 7. , 0.25 15 % .
- 1 8. , .
- 9. , 1 .
- 1 10. .