

響

村 寿 男
本 博

村 互 志

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12	2.5
20	0.78 — 0.93
40	1.26 — 1.62
75	0.78 — 1.65
113	1.18 — 1.75
	2.5 — 3.1

Carbon_black

Partial ...

Table 2

100 (g/hr by ...)

4

2

1

50

10

5

0.5

Procedure

1.

Set the mixer down to 1 rev/min

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

12.

13.

14.

15.

16.

17.

18.

19.

20.

21.

22.

23.

24.

25.

26.

27.

28.

29.

30.

1. If the mixer is not running, the rubber leaves the ram

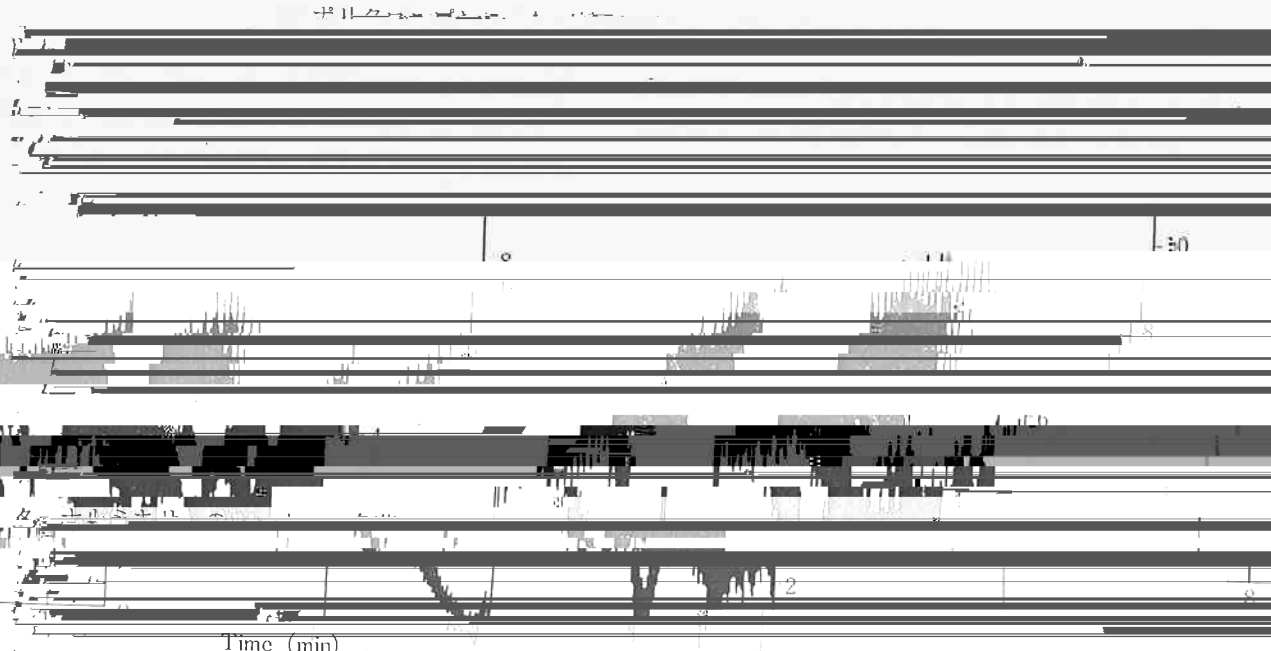


Fig. 2 Mixing Behavior of SRF

Fig. 5 Mixing Behavior of JSAF

[The page contains approximately 25 lines of text that are almost entirely obscured by heavy horizontal black redaction bars. Only a few faint characters and line structures are visible through the bars.]

Carbon black

11.0

35.4

45.0

*

Time

Table 6

M11

SRP

-30

ED

Table 9. Effect of Carbon Black on Extrusion Rate

Carbon black (phr)	Extrusion rate (gr/min)
0	200
1	200
2	200
3	200
4	200
5	200
6	200
7	200
8	200
9	200
10	200
11	200
12	200
13	200
14	200
15	200
16	200
17	200
18	200
19	200
20	200
21	200
22	200
23	200
24	200
25	200
26	200
27	200
28	200
29	200
30	200
31	200
32	200
33	200
34	200
35	200
36	200
37	200
38	200
39	200
40	200
41	200
42	200
43	200
44	200
45	200
46	200
47	200
48	200
49	200
50	200
51	200
52	200
53	200
54	200
55	200
56	200
57	200
58	200
59	200
60	200
61	200
62	200
63	200
64	200
65	200
66	200
67	200
68	200
69	200
70	200
71	200
72	200
73	200
74	200
75	200
76	200
77	200
78	200
79	200
80	200
81	200
82	200
83	200
84	200
85	200
86	200
87	200
88	200
89	200
90	200
91	200
92	200
93	200
94	200
95	200
96	200
97	200
98	200
99	200
100	200

Extrusion rate (gr/min)

200 200 210 200 210 200

3) 大北熊一; "ゴム協", 37, 35 (1964)