

()

1.

2.

2.1.

2.1.1.

- a)
- b)
- c)

1:

1:

.()

	Bayferrox ®	-Fe2O3
	Bayferrox 645 T	(Fe, n) 2O3
	Bayferrox 303 T	(Fe, n) 2O3
	Colortherm 3950	
	GN, GX	-Cr2O3

1000 °C
800 °C

(. 3).

Bayferrox 110 130

2.1.2.

(.).

(, ,),

- 0.5 1.2

2.1.3.

4. , 2% ()

2.2.

2.2.1.

250

150 -

3 - 5

1 - 1.5

100

2.2.2.

(600 1 000 °C.)
(2.2.1)
5 .
5 10 . 0.8 - 1.2 .
900 °C
1 000 °C.
4,
5 .
/

2.2.3.

900 °C,
-

3.

3.1.

-

1,

2' - 3 %.

3.2.

4.2 4.3,

900 °C

850 - 1 000 °C,

-

()

Bayferrox 645 T (

),
Bayferrox 303 T

().

(1 000 °C)

(4.2).

900 °C

)

(

900 °C

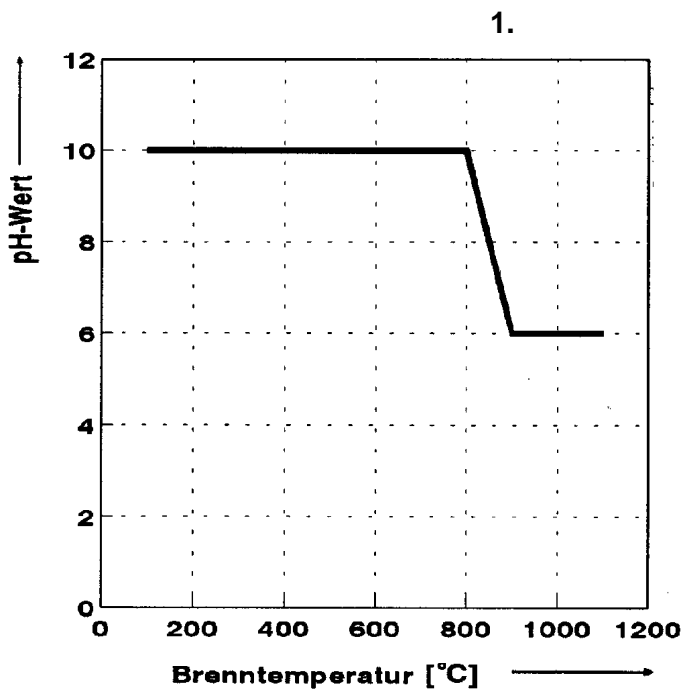
4.

4.1.

(

) -

() 10) ()
 ()
 1
)
 ()
 1
 pH
 pH 10 () pH 6 ()
 800 900 °C.
 900 °C,
 pH



pH

pH 6 7

pH,

4.4.

4.2.

- deci-sive

2.

100-

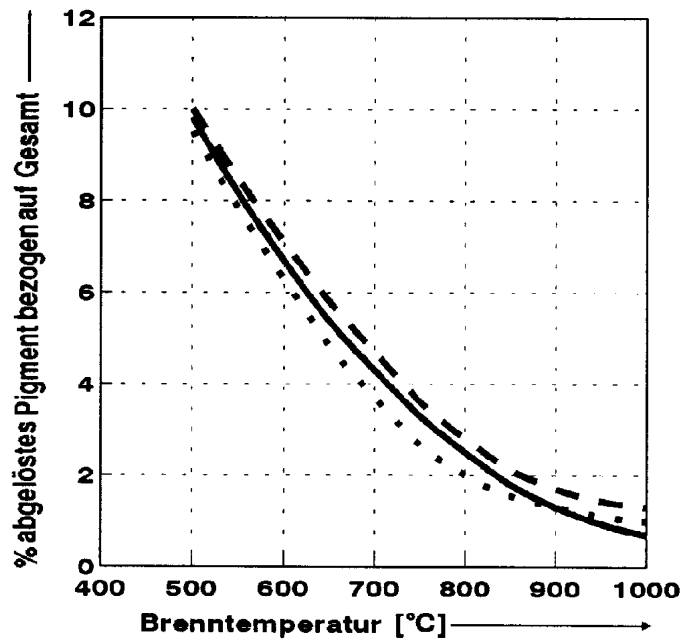
2.5 l

1.5 l

3-

= 1.35 (38 - 40 °Bé)

() :3



2.

(:3)

2

900 °C.

2 %

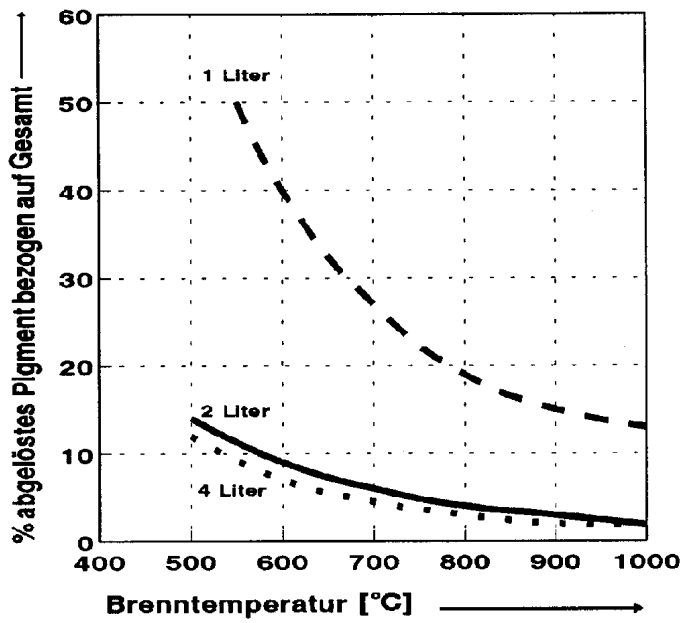
4.3.

3

(1, 2 4

100

3 Bayferrox 110).



3.

Bayferrox 110

100- ()
:3) (

3

2.5

100

110, 120 130, Bayferrox 645 T, Colortherm 3950, Bayferrox 303 T

110.

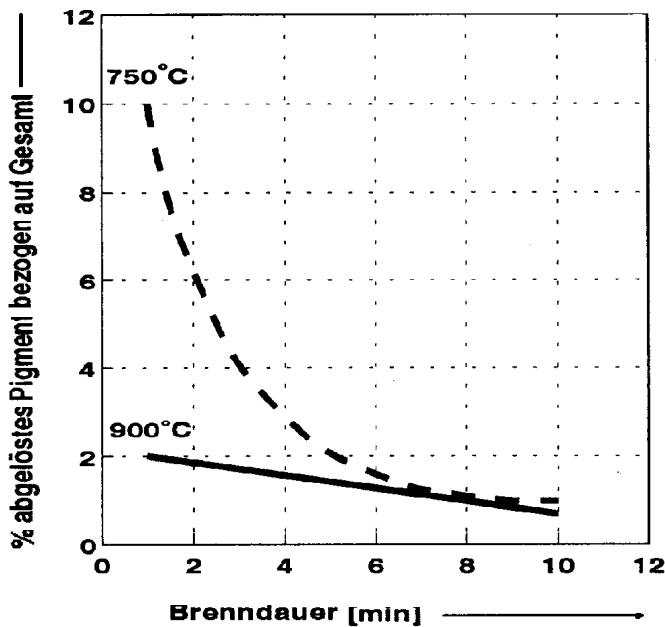
2.5

(Bayferrox
Bayferrox

3.1,

1.35 (38 - 40 °Bé),

4.4.



4.

750 °C 900 °C

(900 °C) -
(750 °C).

10 750 °C. 1
 750 °C,
 900 °C

5.

5.1.

100-
 2.5 l = 1.35 (38 - 40 °Bé)
 1.5 l
 1 - 3-
 : 900 °C / 3

5.2.

100-
 0.9 l (50%-), = 1.5
 0.7 l
 1 - 3-
 : 300 - 600 °C / 15

5.3.

100
 3.7 l = 1.35 (38 - 40 °Bé)
 0.8 l = 1.25
 0.8
 1 - 3
 : 250 °C / 30