

Inorganic compounds

Test medium	Chemical formula	Concentration %	temperature °C	pressure (bar)	carbon graphite, not impregnated	graphite, not impregnated	carbon graphite, resin impregnated	graphite, resin impregnated	resin bonded carbon	carbon graphite and graphite, antimony impregnated	carbon graphite and graphite, lead impregnated	carbon graphite and graphite, copper impregnated
5. Oxidizing agents												
Ammonium peroxy disulfate, solution, aqueous	$(\text{NH}_4)_2\text{S}_2\text{O}_8$	20	20	-	+	+	+	+	+	+	+	-
Calcium hydrochlorite, aqueous	$\text{Ca}(\text{OCl})_2$	20	20	-	o	o	o	o	o	o	-	-
Calcium hydrochlorite, aqueous	$\text{Ca}(\text{OCl})_2$	20	100	-	o	o	o	o	o	o	-	-
Chlorinecontaining chloride-brine	NaCl-Lösung + Cl_2	ca. 312 g NaCl/l + ca. 0,2 g Cl_2 /l	75	-	+	+	+	+	+	+	+	+
Potassium chlorate, aqueous	KClO_3	5	20	-	o	o	+	+	o	o	o	o
Potassium chlorate, aqueous	KClO_3	5	100	-	o	o	+	+	o	o	o	o
Potassium permanganate, aqueous	K Mn O_4	10	50	-	+	+	+	+	+	+	+	+
Sodium chlorite, aqueous	NaClO_2	2 % = 8 g Cl_2 /l	85	-	-	+	-	+	-	+	+	+
Sodium chlorite, aqueous	NaClO_2	20% = 80 g Cl_2 /l	90	-	-	-	-	-	-	-	o	+
Sodium hypochlorite, concentrated	NaOCl	148-160 g Cl_2 /l 12-13 % akt. Cl_2	20	-	-	o	-	o	-	o	-	+
Sodium hypochlorite, concentrated	NaOCl	148-160 g Cl_2 /l 12-13 % akt. Cl_2	40	-	-	o	-	o	-	o	-	o
Sodium hypochlorite, concentrated	NaOCl	148-160 g Cl_2 /l 12-13 % akt. Cl_2	60	-	-	o	-	o	-	o	-	o
Hydrogen peroxide, aqueous	H_2O_2	30	20	-	+	+	+	+	-	+	+	+
+ resistant o partially resistant - not resistant												