

KOROZYON BİLGİLERİ

Korozif Ortam Corrosive Medium	Yoğunluk Concentration %	Sıcaklık Temp. °F	Çelik Döküm ve Dökme Demir Cast Steel and Cast Iron	Paslanmaz Çelik Stainless Steel	
				304	316
Acetic	5	RT	E	A	A
	25	RT	E	A	A
	50	RT	E	A	A
	50	BP	E	D	A
	100	RT	E	A	A
	100	BP	E	E	A
Acetic Anhydride	-	RT	B	A	A
Acetone	All	AT	A	A	A
Alcohol	All	AT	A	A	A
Alum.	All	BP	E	E	E
Aluminium Chloride	All	BP	E	E	E
Aluminium Sulfate	All	BP	E	D	C
Ammonium (Dry)	-	AT	A	A	A
Ammonium (Wet)	-	AT	C	A	A
Ammonium Carbonate	50	BP	A	A	A
Ammonium Chloride	5	BP	E	D	C
	25	BP	E	E	E
	40	BP	E	E	E
Ammonium Nitrate	All	BP	B	A	A
Ammonium Phosphate	10	RT	D	B	A
Ammonium Sulfate	5	RT	D	E	D
	10	BP	E	E	E
Arsenic Acid	-	-	E	C	B
Barium Carbonate	All	RT	A	A	A
Barium Chloride	10-20	IT	-	D	C
Barium Hydroxide	50	BP	A	A	A
Barium Sulfate	-	-	C	C	B
Benzene	Conc.	RT	A	A	A
Benzoic Acid	-	-	E	B	A
Boric Acid	All	AT	D	B	B
Bromine (Dry)	-	RT	D	E	D
Bromine (Wet)	-	RT	E	E	E
Butyl Acetate	Conc.	RT	B	B	A
Butyric Acid	All	AT	D	B	B
Calcium Bisulfite	10 So2	RT	E	E	E
Calcium Carbonate	All	BP	B	B	B
Calcium Chloride	All	BP	C	D	D
Calcium Hydroxide	10	BP	B	B	B
Calcium Hypochlorite	Conc.	RT	E	D	D
Carbon Dioxide (Dry)	All	AT	A	A	A
Carbonic Acid	10	RT	C	B	B
Chloride (Dry)	-	-	B	C	C
Chloride (Wet)	-	-	E	E	E
Chromic Acid	-	-	C	C	C
Citric Acid	All	AT	E	B	A
Copper Sulfate	All	BP	E	B	B
Ethyl Acetate	-	RT	B	B	B
Ethylene Dichloride	-	IT	B	B	B
Ethylene Glycol	-	IT	B	B	A
	-	RT	E	B	B
Ferric Chloride	25	RT	E	E	E
Ferrous Sulfate	-	-	E	C	B
Fluorine (Dry)	-	-	B	C	B
Fluosilicic Acid	10	RT	E	E	D

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				304	316
Glycerol (Glycerin)	-	RT	B	B	A
Hydrobromic Acid	30	RT	E	E	E
Hydrochloric Acid	All	IT	E	E	E
Hydrofluoric Acid	30	IT	E	E	D
Hydrogen	-	Cold	B	B	B
	-	Heated	C	B	B
Hydrogen Peroxide	30	RT	D	B	B
Hydrogen Sulfide (Dry)	-	RT	C	B	B
Hydrogen Sulfide (Wet)	-	RT	D	C	C
Magnesium Chloride	30	RT	C	C	B
Magnesium Sulfate	10	RT	C	B	B
	30	BP	E	B	B
Nitric Acid	50	BP	E	B	B
	-	AT	E	B	A
Oxalic Acid	All	AT	E	B	A
Oxygen	-	Under 1,000	A	A	A
	-	Above 1,000	-	A	A
Phenol	All	AT	C	B	B
Phosphoric Acid	10	210	E	B	B
	85	RT	E	B	B
Potassium Chloride	10-20	100	C	B	B
Potassium Hydroxide	30-50	150	B	B	B
Potassium Sulfate	10	RT	C	B	B
Sea water	-	-	E*	C	B
Sodium Acetate	-	-	C	B	B
Sodium Bisulfate	-	-	E	B	B
Sodium Carbonate	-	-	B	B	B
Sodium Chloride	-	-	B	B	B
Sodium Hydroxide	30	140	A	A	A
	50	150	B	B	B
	50	BP	B	B	B
Sodium Thiosulfate	-	-	E	D	C
Sodium Nitrate	30	RT	B	A	B
Sodium Phosphate	10	RT	B	B	B
Sodium Sulphate	20	RT	C	B	B
Sodium Sulphide	10	RT	E	B	B
Sulfur	Melt	260	B	B	B
	-	500	B	B	B
	-	825	B	B	B
Sulfur Dioxide (Dry)	-	-	B	B	B
Sulfur Dioxide (Wet)	-	-	E	E	B
Sulfuric Acid	10	RT	E	E	-
	20-50	RT	E	E	-
	50-70	RT	E	E	-
	70-100	RT	B	E	-
Sulfurous Acid	-	RT	D	E	C
Vinyl Chloride	-	-	C	B	B
Zinc Chloride	-	-	B	B	B

Dikkat / Remarks

BP = Kaynama Sıcaklığı / Boiling Point

RT = Oda Sıcaklığı / Room Temperature

AT = Bütün Servis Sıcaklıkları / All Range of Service Temperature

IT = Durağan Sıcaklık / Intercept Temperature

* = Dökme Demir için B / B for Cast Iron