High Chemical Resistance

The most significant feature of Sanso PPR-C Pipe is its high resistance to high temperatures and chemical agents. This is unaffected by most concentrations of acids, alkalis, organic chemicals, oils and fats. This resistance to corrosion by most chemicals makes Sanso PPR-C pipes indispensable for contemporary application in various sectors of industry like sugar, chemical and pharmaceutical industry.

Following table gives the info of resistance value of Sanso Pipes with the different chemicals on a different temperature.

CHEMICAL	CONC.	TEMPERATURE			CHEMICAL	CONC.	TEMPERATURE		
	%	20°C	60°C	100°C		%	20°C	60°C	100°C
Acetic acid	100	R	C	******	Lactic Acid	85	R	R	******
Air	TR	R	R	R	Lanoline	H	R	R	R
Ammonia Acetate Aq.	any	R	R	******	Magnesium Chloride	GL	R	R	R
Ammonia Aq.	conc	R	R	******	Magnesium Sulphate	GL	R	R	R
Ammonium Phosphate	any	R	R	R	Methyl Alcohol	100	R	R	******
Amonium Nitrate	GL	R	R	R	Oelic Acid Aq.	sat	R	R	******
Amonium Sulphate	GL	R	R	R	Olive Oil	TR	R	R	R
Amyl Alchol Pure		R	R	R	Palm Oil		R	R	R
Barium Salts	GL	R	R	R	Phosphoric Acid	85%	R	R	R
Barium Hydroxide	GL	R	R	R	Potassium Chlorate Aq.	sat	R	R	******
Beer	H	R	R	R	Pottacium Dichromate Aq.	sat	R	R	******
Benzaidehyde	100	R	C	******	Pottassium Sulphate Aq.	sat	R	R	******
Benzene	100	R	N	N	Salted Water	any	R	R	R
Boric Acid Aq.	sat	R	R	R	Silicone Emulsion	GL	R	R	R
Calcium Carbonate	GL	R	R	R	Sillicic Acid	TR	R	R	R
Calcium Hypochlorite	GL	R	R	R	Sodium Sulphate 40%	sat	R	R	R
Citric Acid Aq.	sat	R	R	R	Sodium Bicarbonarte Aq.	sat	R	R	N
Copper Nitrate	30%	R	R	R	Sodium Chloride Aq.	sat	R	R	N
Cyclohexanol	100	R	R	******	Sodium Dichromate	GL	R	R	R
Cyclohexanone	100	R	N	N	Sodium Hydrogen Carbonate	GL	R	R	R
Dextrose	20%	R	R	R	Sodium Hydroxide	60%	R	R	R
Ethanol	TR	R	R	R	Sodium Perborate Aq.	sat	R	R	******
Ethylene Glycol	TR	R	R	R	Sodium Phosphates\Aq.	sat	R	R	R
Formic acid 10%	50	R	R	N	Soyabean Oil	50%	R	R	R
Gelatine	L	R	R	R	Starch, Starch Solution Aq.	any	R	R	R
Glucose	20%	R	R	R	Sugar (dry)		R	R	R
Glycerine	100	R	R	R	Sugar Treacle	H	R	R	R
Heptane	100	R	N	N	Sulphuric Acid	96	R	C	N
Hydrochloric Acid	conc.	R	R	******	Tartaric Acid Aq.	sat	R	R	N
Hydrogen Peroxide	10	R	R	R	Unseed Oil	H	R	R	R
Isopropanol	TR	R	R	R	Urea Aq.	sat	R	R	N
Isopropyl Alcohol	100	R	R	R	Vinegar	comm	R	R	******

R = Recommended, Durable

C = Caution, Practically durable under suitable conditions

N = Not Recommended.

****** = Not enough Information

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