

**BARODA POLYFORM**

**QUALITY CUSTOM MOULDERS**

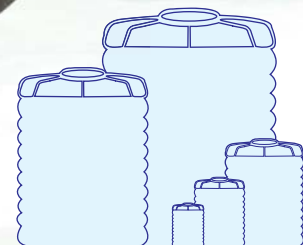
An ISO 9001:2008 Certified Private Limited Company

**SUPER**

Tanks & Containers

# CHEMICAL TANK

A Super solution to your storage problem



CAPACITY RANGE

**200 to  
25000 L**

**I**nnovation

**F**lexibility

**R**eliability

JAS-ANZ



**benchmark**  
CERTIFICATION

An ISO 9001 : 2008 certified company

## CHEMICAL TANKS



Single Layer of Premier Special Grade Material

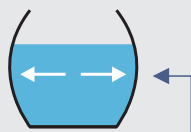
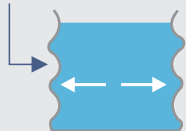
## CYLINDRICAL VERTICAL CHEMICAL TANKS

CAPACITY LITERS	DIA IN MM.	HEIGHT IN MM.	MANHOLE IN MM.
200	670	660	300
300	760	770	300
500	910	900	410
750	1020	1020	410
1000	1130	1140	410
1500	1360	1230	410
2000	1360	1670	410
2000	1510	1370	410
3000	1690	1630	410
5000	2120	1620	410
6000	1810	2690	470
7000	2020	2430	410
10000	2520	2350	470
15000	3060	2450	470
20000	3540	2450	470
25000	3540	2950	470

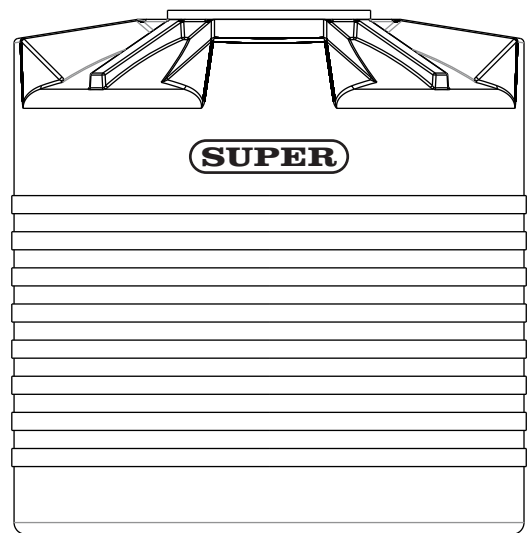
### UV STABLE

UV Stabilization prevents degradation and ensure that there is no cracking or chalking or loss in physical properties in SUPER tanks.

Extra ribs for  
extra strength



Other tanks bulge  
due to lack of ribs



SUPER chemical tanks are made from Imported Hexene LLDPE resin having High Density and Low Melt Flow. The resin used has high ESCR (Environmental Stress Crack Resistance). This property of the resin enables the chemical tank to have maximum possible life. The density and melt flow ensure that the tank has High Chemical Resistance due to closely packed molecules in the resin. Different manufacturers use different resins. As the resin contributes greatly to the quality of the final product, hence we want the customers to know that : These tanks can withstand temperatures upto 90°C.

Available for almost all chemicals like HCL, Sulphuric Acid, Nitric Acid and many others depending on the chemical resistance chart and in variety of sizes to suit your application.

## CHEMICAL RESISTANCE CHART - SUPER CHEMICAL TANKS

SUPER Chemical tanks are manufactured using selected grades of resins and are highly resistant to the most aggressive chemicals. However, the effect of chemicals on tanks are compounded in relation to extended exposure, elevated temperature and environmental stress. These factors have to be considered while selecting SUPER chemical tanks (LLDPE/MDPE).

The information provided in the chart given below is based on limited experience and data obtained from various sources. Customers are requested to consult us to obtain exact recommendation or they are advised to conduct their own experiments before finalisation.

The following legends should be followed under normal conditions :

- R - Resistant
- NR - Non-resistant
- - No test data is available
- VR - Variable resistance – SUPER chemical tanks have excellent “Environmental Stress Crack Resistance (ESCR)” and are not usually affected by stress cracking chemicals. But the exact conditions of usage have to be ascertained for final recommendation.

CHEMICAL	CONCENTRATION	TEMPERATURE	
		20°C	60°C
Acetaldehyde	40%	VR	NR
	100%	VR	NR
Acide acetic	100 Aq.	R	R
	60%	R	R
Acid adipic		R	-
Acid arsenic		R	VR
Acid benzoic		R	R
Acid boric		R	R
Acid carbonic		R	R
Acid hydrochloric	10% Aq.	R	R
	Conc.	R	R
Acid nitric	upto 30%	R	R
Acid sulphuric	10% Aq.	R	R
	60%	R	R
Barium carbonate		R	R
Barium chloride		R	R
Barium hydroxide		R	R
Barium sulphate		R	R
Barium sulphide		R	R
Beer		R	R
Benzaldehyde		NR	NR
Benzene		NR	NR
Bismuth carbonate		R	R
Borax		R	R
Calcium bisulphite		R	R
Calcium carbonate		R	R
Calcium chlorate		R	R
Calcium chloride	Aq. soln.	R	R
Calcium hydroxide		R	R
Calcium hypochlorite		R	R
Calcium nitrate		R	R
Calcium phosphate		R	R

CHEMICAL	CONCENTRATION	TEMPERATURE	
		20°C	60°C
Calcium sulphate		R	R
Camphor oil		VR	-
Detergents, synthetic (Normal user conditions)		R	R
Developers, photographic		R	R
Dextrin		R	R
Dextrose		R	R
Dibutyl phthalate		VR	VR
Dithiobenzene		NR	NR
Diethyl glycol		R	R
Diocetyl phthalate		VR	VR
Disodium phosphate		R	R
Emulsifiers	All Cone.	R	R
Emulsions, photographic		R	R
Ether		NR	NR
Ethyl acetate		VR	VR
Ethyl butyrate		VR	VR
Ethyl chloride		NR	NR
Ethyl formate		NR	NR
Ethylene chloride		NR	NR
Ethylene glycol		R	R
Ferric chloride		R	R
Ferric nitrate		R	R
Ferric sulphate		R	R
Ferrous ammonium citrate		R	R
Ferrous chloride		R	R
Ferrous sulphate		R	R
Fixing solution, photographic		R	R
Fluorine		VR	VR
Formaldehyde	40% Aq.	R	R
Fructose		R	R
Gin		R	R

CHEMICAL	CONCENTRATION	TEMPERATURE	
		20°C	60°C
Glucose		R	R
Glycerine		R	R
Glycol		R	R
Grape sugar, Sat, soln, alc.		R	R
Heptane		VR	VR
Hexadecanol		NR	NR
Hertiar hexanol		R	R
Hydrogen		R	R
Hydrogen bromide dry		R	R
Hydrogen chloride dry		R	R
Hydrogen peroxide	30%	R	R
Hydrogen phosphide		R	R
Hydrogen sulphide		R	R
Hydroquinone		R	R
Inks	soln.	R	R
Iodine soln.		VR	–
Lead acetate	sat. soln.	R	R
Lead nitrate		R	R
Lead tetra-ethyl		R	R
Linseed oil		VR	VR
Lube oil		NR	NR
Magnesium carbonate		R	R
Magnesium chloride		R	R
Magnesium hydroxide		R	R
Magnesium nitrate		R	R
Magnesium sulphate		R	R
Manganese sulphate		R	R
Mercuric chloride		R	R
Mercuric cyanide		R	R
Mercurous nitrate		R	R
Mercury		R	–
Naphtha		VR	NR
Naphthalene		VR	–
Nickel chloride		R	R
Nickel nitrate		R	R
Nickel sulphate		R	R
Nicotine		R	R
Nitrobenzene		NR	NR
Oxygen		R	–
Ozone		VR	NR
Paraffin		VR	NR
Petro		NR	NR

CHEMICAL	CONCENTRATION	TEMPERATURE	
		20°C	60°C
Petroleum ether		NR	NR
Phenol		NR	NR
Phosgene	Gas	R	NR
Phosphorous oxychloride		NR	NR
Phosphorous pentoxide		R	R
Phosphorous trichloride		R	R
Photographic developers		R	R
Photographic emulsions		R	R
Sea water		R	R
Silicone fluids		VR	NR
Silver cyanide		R	R
Silver nitrate		R	R
Soap solution		R	R
Sodium acetate	Sat. soln.	R	R
Sodium acid sulphate		R	R
Sodium aluminate		R	R
Sodium antimonate		R	R
Sodium benzoate		R	R
Tallow		R	R
Tanning extracts		R	R
Tetrahydrofuran		VR	NR
Tetrahydronaphthalene		NR	NR
Titanium trichloride		NR	NR
Toulene		VR	VR
Transformer oil		VR	NR
Trichloroethylene		NR	NR
Trichlorobenzene		NR	NR
Tricresyl phosphate		VR	NR
Urea		R	R
Urine		R	R
Vanilla extract		R	R
Vegetable oils		VR	NR
Vinegar		R	R
Water		R	R
Wetting agents	Normal dilutions	R	R
Whey		R	–
Wine & spirits		R	R
Xylene		VR	VR
Yeast		R	R
Zinc chloride		R	R
Zinc oxide		R	R
Zinc sulphate		R	R

For more chemical details please contact us

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