## **Chemical Resistance**



## **CENTROLEN / PE-HD**

Agents	Conc. [%]		Agents	Conc. [%]	
Acetamide	50	✓	Methyl chloride		-
Acetone		✓	Milk		✓
Formic acid	10	✓	Lacitic acid	90	✓
Ammonia	10	✓	Sodium bisulfite	10	✓
Anon		✓	Sodium carbonate	10	✓
Ethanol	96	✓	Sodium chloride	10	✓
Ethyl aether			Sodium nitrate	10	✓
Ethylene chloride		_	Sodium thiosulphate	10	✓
Petrol		<u> </u>	Sodium hydroxide solution	50	✓
Benzene		_	Nitrobenzene		✓
Bitumen			Oxalic acid	10	✓
Boric acid	10	<b>✓</b>	Ozone		
Butyl acetate		_	Paraffin oil		<b>√</b>
Butylene glycol		<u> </u>	Perchlorethylene		X
Calcium chloride	10	<b>√</b>	Petroleum		<u>_</u>
Chorobenzene		X	Phenol watery		<b>√</b>
Chloroform		×	Phosphoric acid	10	<b>√</b>
Citric acid	10	<u> </u>	Propanol	-	
Clophen A60	50	<u> </u>	Pyridine		
Cyclohexane			P-3 solution watery		_
Cyclohexanone		<u> </u>	Salicylic acid		
Decalin			Nitric acid	2	<b>✓</b>
Diesel oil			Hydrochloric acid	36	<b>→</b>
Dimetylformamid			Carbon disulphide	30	
Dioctyl phthalate		<b>~</b>	Sulphuric acid	98	
Dioxane			Hydrogen sulphide sated	90	<b>⊠</b> ✓
Acetic acid const.			Soap solutions		<b>~</b>
Acetic acid	10	<b>✓</b>	Silicone oil		<b>✓</b>
	10	<b>✓</b>		10	<b>✓</b>
Ethyl acetate	40		Soda solution	10	
Hydrofluoric acid	30	<b>√</b>	Cooking fats / cooking oils		<b>√</b>
Formaldehyde	30	<b>√</b>	Styrene		
Formamide Difference distributions of the same distributions of the same distribution of the sam			Tar		
Difluorodichloromethane,Freon			Carbon tetrachloride		X
Fruit juices		<b>√</b>	Tetrahydrofuran		
Glycolic	40	<b>√</b>	Tetralin		
Glysantin	40	<b>√</b>	Ink		<b>√</b>
Glycerin		<b>√</b>	Toluene		
Carbamide watery		✓	Transformer oil		<b>√</b>
Heating oil		✓	Triethanolamine		✓
Heptane, Hexane			Trichloroethylene		X
Isooctane		✓	Trilon B	10	
losopropyl		✓	Vaseline		
lodine tincture alcoholic		✓	Wax melted		
Caustic potash	50	✓	Water cold		✓
Potassium dichromate	40	✓	Water hot		$\checkmark$
Datassium narmanassata	10				
Potassium permanganate	1	<b>√</b>	Hydrogen peroxide	30	✓
Copper sulphate			Hydrogen peroxide Brandy	30	<b>√</b>
	1	✓		30	
Copper sulphate	1	√ ✓	Brandy	30	✓

√ = resistant

= partly resistant

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- General thickness of test specimen: 1 mm
- In contact with the agents: up to 12 months
- The classification of results is referring to Dechema-material-tables.