



## CHEMICAL RESISTANCE P.M.M.A.

CHEMICAL PRODUCT	RESISTANCE
Accumulator acid	+
Chromic acid up to 10 %	o
Hydrofluoric acid up to 20 %	+
Phosphoric acid up to 10 %	+
Nitric acid up to 10 %	+
Hydrochloric acid	+
Sulphuric acid up to 10 %	+
Sulphurous acid up to 5%	+
Ammonia water	+
Potassium hydroxide 40 %	+
Sodium hydroxide 40 %	+
Soapsuds	+
Soda solution	+
Metallic salts and metallic salt solution	+
Ammonia	+
Bromine vapour	o
Chlorine vapour	o
Carbon monoxide	+
Carbon dioxide	+
Coal gas	+
Methane	+
Ozone	+
Oxygen	+
Sulphur dioxide	+
Hydrogen sulphide	+
Nitrogen monoxide	+
Nitrogen dioxide	+
Acetone	-
Ethyl acetate	-
Ethyl ether	-
Ethyl alcohol up to 20 %	+
Ethyl alcohol concentrated	-
Ethyl butyrate	-
Ethyl chloride	-
Amyl acetate	-
Aniline	-

CHEMICAL PRODUCT	RESISTANCE
Benzene, aliphatic hydrocarbons	+
Benzol	-
Chloroform	-
Diacetone alcohol	-
Diamyl phthalate	o
Diamyl glycol	+
Diethylene glycol	+
Dibutyl phthalate	-
Dioxan	-
Glycerine	+
Glycol	+
Heptane	+
Hexane	+
Isopropyl alcohol	o
Cresol	-
Varnish thinner	-
Methyl ethyl ketone	-
Perchlorethylene	o
Petroleum ether	+
Ethylene oxide	-
Petroleum	o
Phenols	-
Carbon disulphide	-
Turpentine	+
Turpentine substitute (white spirit)	o
Carbon tetrachloride	-
Tetralin	-
Toluene	-
Benzol-free motor-fuel mixture	+
Motor-fuel mixture containing benzol	-
Triethyl amine	+
Xylene	-
Formic acid	-
Butyric acid up to 5 %	+
Acetic acid up to 10 %	+
Acetic acid concentrated	-
Lactic acid up to 20 %	o
Tartaric acid up to 20 %	+
Citric acid up to 20 %	+



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CHEMICAL PRODUCT	RESISTANCE
Polishing wax	○
Diesel oil	+
Minerals oils	+
Vegetable oils and fats	+
Animal oils and fats	+
Transformer oil	+
Pure benzine	+
Chlorine water	+
Spot-removing liquid	-
Formalin	+
Carbolic acid	-
Petroleum	○
Aqueous ammonia	+
Soap suds	+
Soda solution	+
Spirits	-
Turpentine	+
Turpentine substitute (white spirit)	○
Hydrogen peroxide up to 40 %	+
Hydrogen peroxide over 40 %	○

CHEMICAL PRODUCT	RESISTANCE
Beer	+
Fruit juices	+
Coffee	+
Camomille extract	+
Liqueurs	○
Milk	+
Mineral water	+
Chocolate	+
Table vinegar	+
Edible oil	+
Water	+
Wine	+
Photographic developing solutions	+
Galvanizing solutions	+
Pure oil paints	+
Gum, not containing softener	+
Gum containing softener	-
Neoprene	+
PVC soft	-
UHU adhesives	-

### Legend :

- + **Resistant** No visible change in test specimen surfaces
- **Conditionally resistant** Visible change in test specimen surfaces, such as swelling, cracking etc.
- **Not resistant** Partial or complete dissolution of test specimens, breaking