

Resistance List

Status 24.02.2016



Legend:

A: resistant

B: conditionally resistant

C: nonresistant

X : no data available

PP - Plastics
FKM - Gaskets
V2A - Steels

Note:

The information in this resistance list serves as a reference only and can not be guaranteed!

For accurate information on resistance, a resistance test must always be carried out!

Medium	PP	FKM	V2A	Medium	PP	FKM	V2A
A				Vinegar (5% aqueous acetic acid)	A	A	A
Acetone	A	C	A	Ethanol (ethyl alcohol)	A	B	X
Acetophenone	A	C	X	Ethanolamine	X	C	X
Acetylacetone	X	C	X	Ethyl acetate	A/B	C	X
Acetylen, ethene	C	A	X	Ethylbenzene	B	A	X
Alums	A	A	A	Ethyl chloride	B	A	A
Methyl formate	A	C	A	Ethylene glycol (glycol)	A	A	X
Amyl acetate	B	C	X	2-ethyl-1-hexanol (isooctanol)	A	A	X
Amyl alcohol	A	A	X	F			
Aromat. fuels 50% (fuel C)	X	A	X	Paint thinner	X	A	X
B				Hydrogen fluoride (hydrofluoric acid,	A	C	B
Benzaldehyde	A	C	X	Hydrofluoric acid <65% cold	A	A	C
Petrol	B	A	A	> 65% cold	X	A	C
Benzyl benzoate	A	A	A	< 65% hot	X	B	C
Benzene	B	A	A	> 65% hot	X	B	C
Benzyl alcohol	A	A	B	Formaldehyde	A	C	A
Hypochlorite 12.5%	A/B	A	B	Furan	X	C	X
Brake fluid	A	C	X	Furfuryl alcohol	A	C	X
Butanol (butyl alcohol)	A	A	X	G			
Butanone (methyl ethyl ketone, MEK)	A	C	X	Transmission oil	X	A	X
Butyl acetate	B	C	X	Glycerol	A	A	A
Butyl glycol	A	C	X	Glycol (ethylene glycol)	A	A	X
C				H			
Calcium hydroxide	A	A	X	Heating oil	A	A	X
Calcium hypochlorite	A	A	X	n-heptane	B	A	X
Cyclohexane	A	A	X	n-hexane	A	A	X
Cyclohexanol	A	A	X	Methanol	X	C	X
Cyclohexanone	A	C	X	Hydraulic oil (mineral oil-based)	C	A	X
D				I			
Denatured alcohol	X	A	X	Isobutyl alcohol (isobutanol)	A	A	X
Diacetanalkohl (diacetone)	X	C	X	Isooctane	A	A	X
Dibutyl ether	C	C	X	Isopropanol (isopropyl alcohol)	A	A	X
Dibutyl phthalate (palatinol C)	A	B	X	J			
Dichloromethane (methylene chloride)	B	A	X	K			
Diesel fuel	A	A	X	Potassium hydroxide 50%	C	C	X
Diethylene glycol	X	A	X	Potassium hydroxide solutions (dilute)	C	A	A
Dimethylphthalat	X	A	X	Kerosene	B	A	X
Diphenyl (biphenyl)	X	A	X	Pine oil	A	A	X
E				Neatsfoot oil	X	A	X
Glacial acetic acid (acetic acid 100%)	A	C	A				
Petroleum	B	A	A				

Medium	PP	FKM	V2A	Medium	PP	FKM	V2A
Aqua regia	B	A	C	T			
L				Turpentine	X	A	A
Paints	X	A	A	Terpineol	C	A	A
Paint solvents	X	C	X	Tetrahydrofuran	B	C	X
Lavender oil	X	A	X	Toluene A568	B	A	A
Linseed oil	A	A	A	Transformer oil	A	A	X
Linoleic acid	X	A	X	Triethanolamine	X	C	X
M				Trinitrotoluene	X	A	X
Methanol	A	C	X	V			
Methyl butyl ketone	X	C	X	W			
Methyl ethyl ketone (butanone, MEK)	X	C	X	Detergent dissolved in water	A	A	A
Methyl isobutyl ketone (MIBK)	X	C	X	Hydrogen peroxide diluted	A	A	A
Methyl methacrylate	C	C	X	Hydrogen peroxide 90%	C	A	A
Mineral oils	A	A	X	White oil	X	A	X
N				X			
Naphtha	A	A	X	Xylene	C	A	A
Naphthalene	A	A	X	Z			
Sodium hydroxide (caustic soda) : 10%	A	A	A	Citric acid	A	A	A
Sodium hypochlorite	A	A	B				
Nitrobenzene	A	A	X				
Nitromethane	X	A	X				
Nitrotoluene	X	B	X				
O							
Olive oil	A	A	X				
Oxalic acid	A	A	A				
Ozone	A	A	X				
P							
Perchloric acid, 2-molar	B	A	X				
Phenyl ethyl ether	X	C	X				
Phosphoric acid 3-molar	A	A	B				
Propane		A	X				
Propanol	A	A	X				
Q							
R							
Castor oil A371	A	A	X				
S							
Nitric acid 3-molar	A	A	A				
concentrated	C	A	A				
Hydrochloric acid for 3-molar	A	A	B				
concentrated	X	A	B				
Silicone oils	B	X	X				
Soda (sodium carbonate)	X	A	A				
Super gasoline	X	A	X				
Sulfuric acid 3-molar	A	A	B				
concentrated	A	A					
Sulfurous acid	A	A	A				