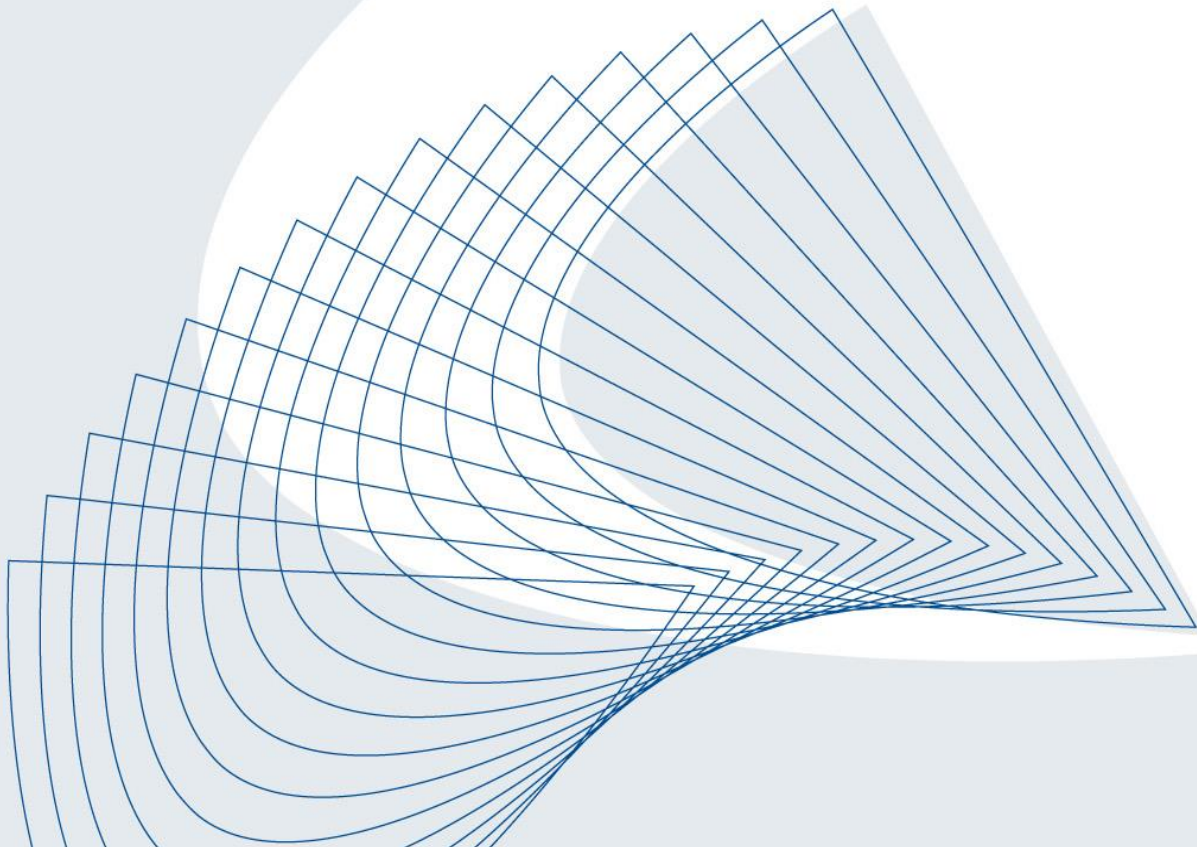


TPV - TAROPRENE



CHEMICAL RESISTANCE



Chemical		Rating	Chemical		Rating	
A	Acetic Acid (up to 80%)	A	A	Anti-freeze (Ethylene Glycol)	A	
	Acetic Anhydride	A		Antimony Chloride	A	
	Acetone	A		Aqua Regia (20% Nitric – 80% HCl)	D	
	Acrylonitrile	A		Aromatic fuel	C	
	Alcohol, Isopropyl	A		Arsenic Acid	A	
	Alcohol, Methyl	A		ASTM Reference 1	C	
	Alcohol, Ethyl	A		ASTM Reference 2	C	
	Alcohol, Propyl	A		ASTM Reference 3	C	
	Aluminum Acetate	A		ASTM Reference 4	C	
	Aluminum Bromide	B		ASTM Reference Fuel 1	B	
	Aluminum Chloride	A		ASTM Reference Fuel 2	C	
	Aluminum Nitrate	A		ASTM Reference Fuel 3	C	
	Aluminum Phosphate	A		B	Barium Carbonate	A
	Aluminum Sulfate	A			Barium Chloride	A
	Ammonia	A			Barium Hydroxide	A
	Ammonia Acetate	A	Barium Nitrate		A	
	Ammonium Carbonate	A	Barium Phosphate		A	
	Ammonium Chloride	A	Barium Sulfate	A		
	Ammonium Hydroxide	A	Benzaldehyde	D		
	Ammonium Nitrate	A	Benzene	C		
Ammonium Phosphate	A	Benzyl Alcohol	D			
Ammonium Sulfate	A	Benzyl Chloride	C			
Aniline	A	Benzoic Acid	A			

Rating: A = Excellent, B = Good, C = Fair, D = Not Recommended

Chemical		Rating	Chemical		Rating
B	Bismuth Subcarbonate	D	Chlorine	C	
	Borax	A	Chlorine Anhydrous	D	
	Boric Acid	A	Chlorine Dioxide	D	
	Bromine	C	Chloroacetic Acid	D	
	Bromobenzene	D	Chloroacetone	C	
	Butadiene (Monomer)	D	Chlorobenzene	C	
	Butane	A	Chloroform	D	
	Butyl Acetate	B	Chlorosulfonic Acid	C	
	Butyl Alcohol	A	Citric Acid	A	
	Butyl Amine	A	Copper Acetate	A	
	Butyl Chloride	D	Copper Chloride	A	
	Butyric Acid	A	Copper Nitrate	A	
	C	Calcium Carbonate	A	Copper Sulfate	A
		Calcium Chloride	A	Cyclo Hexane	D
		Calcium Hydroxide	A	Cyclo Hexanol	D
		Calcium Nitrate	A	Cyclo Hexanone	C
Calcium Sulfate		A	D	Detergent solutions	B
Cane Sugar Liquors		A		Dybutil Amine	C
Carbon Bisulfide		D	Dybutil Ether	B	
Carbon Dioxide		A	Dybutil Phthalate	B	
Carbon Disulfide		D	Dichloro Acetic Acid	B	
Carbon Monoxide		A	Dichlorethane	D	
Carbonic Acid	A	Diesel	D		

Rating: A = Excellent, B = Good, C = Fair, D = Not Recommended

Chemical		Rating	Chemical		Rating
D	Diethyl Amine	C	Ethylene Chloride	D	
	Diethyl Benzene	C	Ethylene Diamine	A	
	Diethyl Carbonate	D	Ethylene Dibromide	D	
	Diethyl Phthalate	A	Ethylene Dichloride	C	
	Diethyl Sebacate	A	Ethylene Glycol	A	
	Diethyl Sulfate	B	Ethylene Oxide	A	
	Diethylene Ether	D	Fatty Acids	B	
	Diethylene Glycol	A	F	Ferric Chloride	A
	Dimethyl Amine	B		Ferric Hydroxide	B
	Dimethyl Formamide	A		Ferric Nitrate	A
	Dimethyl Phthalate	A	Ferric Sulfate	A	
	E	Ethane	C	Flourine (Anhydrous)	D
		Ethanol	A	Flourobenezene	C
Ethanol Chloride		B	Formaldehyde	B	
Ethers		C	Formic Acid	A	
Ethyl Acetate		A	G	Gasoline	D
Ethyl Acrylate		C		Glucose	A
Ethyl Alcohol		A		Glycol	A
Ethyl Benzene		D	Glycol Acid	A	
Ethyl Chloride		D	Grease (petroleum base)	D	
Ethyl Ether		D	H	Heptane	D
Ethyl Sulfate		B		Hexane	D
Ethylene		C		Hydraulic Oils (petroleum base)	D

Rating: A = Excellent, B = Good, C = Fair, D = Not Recommended

Chemical		Rating	Chemical		Rating
H	Hydrochloric Acid 20%	A	M	Magnesium Carbonate	A
	Hydrochloric Acid 37%	B		Magnesium Chloride	A
	Hydrofluoric Acid 20%	B		Magnesium Hydroxide	A
	Hydrofluoric Acid 50%	B		Magnesium Nitrate	A
	Hydrofluoric Acid 75%	C		Magnesium Oxide	A
	Hydrogen	A		Magnesium Salts	A
	Hydrogen Peroxide	A		Magnesium Sulfate	A
	Hydrogen Sulfide	A		Maleic Acid	A
I	Iodine	A		Maleic Anhydride	A
	Isobutyl Alcohol	A		Mercuric Chloride	A
	Isopropyl Acetate	B		Mercuric Cyanide	A
	Isopropyl Alcohol	B		Methyl Acetate	B
	Isopropyl Chloride	C		Methyl Acrylate	D
	Isopropyl Ether	C		Methyl Amine	B
	Kerosene	C		Methyl Bromide	D
K	Ketones	C		Methyl Chloride	D
	Lactic Acid	A	Methyl Ethyl Ketone	B	
L	Latex	A	Methylene Chloride	D	
	Lead Acetate	A	Milk	A	
	Linoleic Acid	B	Mineral Oils	D	
	Linseed Oil	B	Monochlorobenzene	D	
	Lubricating Oil (petroleum base)	D	N	Naptha	C
	Lubricating Oil (Di-Ester)	D		Napthalene	D

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	Chemical	Rating		Chemical	Rating
N	Nickel Acetate	A	S	Potassium Borate	A
	Nickel Ammonium Sulfate	A		Potassium Bromide	A
	Nickel Chloride	A		Potassium Carbonate	A
	Nickel Nitrate	A		Potassium Chloride	A
	Nickel Salts	A		Potassium Hydroxide	A
	Nickel Sulfate	A		Potassium Nitrate	A
	Nitric Acid Concentrated	C		Potassium Sulfate	A
	Nitric Acid 10% Solution	A		Propane	D
	Nitric Acid 20% Solution	B		Propyl Alcohol	A
	Nitric Acid 50% Solution	C		Propylene	B
	60% Solution	C		Salt Water	A
Nitrobenzene	B	Sea Water	A		
O	Octane	A	Silicic Acid	A	
	Oleic Acid	B	Silicone Oils	C/D	
	Ozone	A	Silicone Greases	C/D	
P	Palmitic Acid	B	Silver Nitrate	A	
	Paraffin	A	Soap Solutions	A	
	Perchloric Acid	D	Sodium Bicarbonate	A	
	Phenol	D	Sodium Borate	A	
	Phosphoric Acid 20% Solution	A	Sodium Bromide	A	
	Phosphoric Acid 20% Solution	C	Sodium Carbonate	A	
	Potassium Acetate	A	Sodium Chloride	A	
	Potassium Bicarbonate	A	Sodium Floride	A	

Rating: A = Excellent, B = Good, C = Fair, D = Not Recommended

Chemical		Rating	Chemical		Rating	
S	Sodium Hydroxide 20%	A	U	Urea	A	
	Sodium Hydroxide 50%	A		V	Vinegar	A
	Sodium Hydroxide 70%	A		V	Vinyl Acetate	B
	Sodium Nitrate	A		W	Water	A
	Sodium Phosphate	A		W	Xylene	D
	Sodium Sulfate	A		X	Zinc Acetate	A
	Stannous Chloride	B		X	Zinc Carbonate	A
	Stearic Acid	A		Z	Zinc Chloride	A
	Styrene	C		Z	Zinc Salts	A
	Sulfur	A		Z	Zinc Sulfate	A
	Sulfur Chloride	D				
	Sulfuric Acid Concentrated	B				
	Sulfuric Acid 10% Solution	A				
	Sulfuric Acid 75% Solution	A				
	Sulfurous Acid	A				
	T	Tannic Acid	A			
		Tartaric Acid	A			
Tetrahydrofuran		B				
Toluene		D				
Transformer Oils		D				
Trichloroethane		D				
Trichloropropane		D				
Turpentine	D					

Rating: A = Excellent, B = Good, C = Fair, D = Not Recommended



The chemical resistance ratings are referred to the base resin used in our compounds and should be used for screening only.

These table can only give guidelines for the expected performance of mouldings made from mentioned plastics.

The resistance of our resins to chemical substances is significantly dependent upon the actual chemical exposure conditions such as time, temperature and concentrations. It should be noted that the values in the table generally relate to the pure chemicals at ambient temperature.

In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments under actual application conditions or conditions close to them, neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose.

All the information given in this table are based on our current knowledge and experience.

For any further information please contact Taro Plast S.p.A. Technical Service.