

## Impeller Compatibility Table

Temperatures listed are the highest temperatures that can be used. 20°C corresponds to average room temperature. The term "Variable / V" means that within the same family of polymers there can be different behaviours according to the kind of polymer, the concentration of the product and the temperature at which it is used.

KEY	A	B	C	V	ND
	Excellent	Fair / Good	Not Advisable	Variable	No Data

PRODUCT	NBR	EPDM	CR	NR	VQM
Acetic Acid (30%)	B (20°C)	A	B (20°C)	B (20°C)	ND
Ammonium Hydroxide (30%)	A (80°C)	ND	A (90°C)	A (65°C)	ND
Aniline	C	A (90°C)	C	C	B (20°C)
Aniline Oil	C	B (20°C)	C	C	C
Beer	A (60°C) B (80°C)	A (60°C) B (80°C)	A (60°C)	A (20°C)	A (20°C)
Benzyl Alcohol	C	B (40°C) C (60°C)	V	C	ND
Boric Acid	A (60°C) B (90°C)	A (60°C) B (90°C)	A (70°C) B (90°C)	A (20°C) B (85°C)	A (20°C)
Bromic Acid (40%)	C	A (90°C)	V	B (20°C)	C
Butadiene	V	V	V	C	C
Butane	A (90°C) B (80°C)	C	A (60°C)	C	C
Butter	A (60°C)	A (60°C)	B (20°C) C (60°C)	C	B (20°C)
Calcium Hydrate	A (90°C) B (90°C)	A (20°C)	A (20°C) B (90°C)	A (20°C) B (65°C)	A (20°C)
Calcium Hypochlorite	C	A (120°C)	C	C	B (20°C)
Cane Sugar Liquid	A (20°C) B (90°C)	A (80°C)	A (20°C) B (90°C)	A (20°C)	A (20°C)
Castor Oil	A (70°C)	A (60°C)	A (70°C)	A (25°C)	A (20°C)
Chlorine (Dump)	C	V	C	C	C
Chloroacetic Acid	C	B (70-90°C)	A (20°C) C (40°C)	V	V
Chloroform	C	C	C	C	C
Chromic Acid	C	B	V	V	V
Citric Acid	A (70°C) B (80°C)	A	A	A (20°C)	A (20°C)
Cod-Liver Oil	A (20°C) B (50°C)	A (20°C)	B (20°C)	C	B (20°C)
Corn Oil	A (80°C)	V	B (20°C)	C	A (20°C)
Cotton Oil	A (70°C) B (80°C)	A (20°C) C (80°C)	B (65°C)	C	A (20°C)
Diesel Oil	A (80°C)	C	C	C	C
Ethyl Acetate	C	A (55°C) C (70°C)	C	C	B (20°C)
Ethyl Alcohol	A (60°C) B (85°C)	A (90°C)	A (70°C) B (80°C)	A (20°C) B (65°C)	B (20°C)
Fluoboric Acid	A (60°C) B (85°C)	A (60°C) B (80°C)	A (60°C) B (85°C)	A (20°C) B (65°C)	A (20°C)
Formic Acid	V	A (90°C)	V	B (20°C)	B (20°C)
Fruit Juices	A (60°C)	A (100°C)	A (60°C)	V	A (20°C)

Gelatine	A (70°C)	A (80°C)	A (60°C) B (80°C)	A (20°C) B (65°C)	A (20°C)
Glucose	A (70°C)	A (80°C)	A (60°C)	A (20°C) B (48°C)	A (20°C)
Glycerine	A (80°C)	A (80°C) B (90°C)	A (70°C)	A (20°C) B (65°C)	A (20°C)
Hydraulic Oil	C	A (100°C)	C	C	V
Hydrochloric Acid (Conc.)	C	C	C	V	C
Hydrocyanic Acid	B (60°C)	A (60°C)	V	ND	B (20°C)
Hydrofluoric Acid (50%)	C	B (60°C)	V	C (20°C)	V
Hydrofluoric Acid (Conc.)	C	C	C	C	C
Iodine	B (60°C) A (20°C), 6.5%	B (70°C) A (20°C), 6.5%	C	C	C
Kerosene	A (80°C)	C	B (20°C)	C	C
Lactic Acid (Conc.)	A (20°C)	A (60°C)	A (20°C) B (60°C) C (80°C)	ND	ND
Linseed Oil	A (80°C)	B (20°C)	B (20°C)	C	C
Magnesium Chloride	A (70°C) B (80°C)	A (80°C) B (100°C)	A (80°C) B (90°C)	A (20°C) B (85°C)	A (20°C)
Magnesium Sulphate	A (80°C) B (100°C)	A (80°C) B (100°C)	A (80°C) B (90°C)	B (85°C)	A (20°C)
Mercury	A (60°C)	A (60°C)	A (60°C)	A (20°C)	A (20°C)
Methyl Alcohol	B (65°C)	A (70°C) B (80°C)	A (60°C) B (80°C)	B (37°C)	A (70°C)
Methyl-Ethyl-Ketone	C	A (60°C) B (90°C)	C	C	C
Milk	A (60°C)	A (100°C)	A (60°C)	A (20°C) B (37°C)	A (20°C)
Nitric Acid (10%)	C	A (40°C) C (80°C)	C (40°C)	C	B (20°C)
Nitric Acid (70%)	ND	C	C	C	C
Olive Oil	A (80°C)	B (20°C)	V	C	V
Oxalic Acid (Conc.)	B (60°C)	A (100°C)	B (60°C)	B (20°C)	B (20°C)
Palmitic Acid	A (70°C)	B (20°C)	B (20-70°C)	B (20°C)	C
Paraffin	A (60°C)	C	B (20°C)	V	C
Perchloroethylene	V	C	C	C	V
Petrol	A (80°C)	C	C	C	C
Phosphoric Acid (85%)	C	A (80°C)	A (40°C)	B (65°C)	C
Picric Acid	C	A (20°C)	B (20°C)	C	C
Picric Acid (10%)	B (70°C)	B (90°C)	A (20°C) C (40°C)	B (20°C)	C
Pine Oil	B (80°C)	C	C	C	C
Propylic Alcohol	B (80°C)	B (90°C)	A (60°C) B (90°C)	A (20°C) B (65°C)	A (20°C)
SAE Oil N. 10	A (80°C)	C	V	C	V
Sodium Chloride	A (70°C)	B (90°C)	A (80°C)	A (65°C)	B
Sodium Hydrate	B (65°C)	A (20°C)	B (90°C)	A (20°C) B (65°C)	C (20°C)
Soybean Oil	A (80°C)	V	B (20°C)	C	C
Stearic Acid	A (80°C)	B (60°C)	B (60-70°C)	V	B (20°C)
Sulphur (fused 120°C)	C	A (100°C)	A (20°C)	C (20°C)	A (20°C) C 120°C)
Sulphur Dioxide	C	C (20°C)	C (20°C)	C	A (20°C)
Sulphuric Acid (50%)	A (20°C) C (80°C)	B (60-80°C)	B (70°C)	B (26°C)	V

Sulphuric Acid (80%)	A (20°C) C (60-80°C)	A (60°C) C (80°C)	C	C	C
Toluol	C	C	C	C	C
Tomato Juices	A (60°C)	A (80°C)	A (60°C)	<i>ND</i>	<i>ND</i>
Trichloroethylene	C	C	C	C	C
Triethanolamine	C (20°C) 100% B (37°C) 80%	A (70°C)	A (70°C)	B (26°C)	C
Vegetable Oil	A (70°C)	V	C (20°C)	C	A (20°C)
Vinegar	B (20°C) V (60°C)	A (60-90°C)	B (90°C)	B (20°C)	A (20°C)
Water	A (80°C)	A (100°C)	B (80°C)	A (20°C) B (80°C)	B (80°C)
Whiskey	A (90°C)	A (90°C)	A (60°C) C (90°C)	A (20°C) B (65°C)	A (20°C)
Wine	A (90°C)	A (90°C)	A (90°C)	A (20°C) B (65°C)	A (20°C)
Xylol	C	C	C	C	C