



PROPERTIES OF ROXITE® PREMIUM (CAST ACRYLIC, PMMA)

CHEMICAL RESISTANCE OF ROXITE® PREMIUM			
ACIDS		BASES	
Acetic acid (10 %)	No attack	Caustic soda 10 %	No attack
Acetic acid (100%)	Severe attack	Caustic soda 50 %	Severe attack
Chromic acid (10 %)	No attack	Sodium carbonate (sat.)	No attack
Citric acid	No attack		
Hydrochloric acid (10 %)	No attack	ALCOHOLS	
Sulfuric acid (10%)	No attack	Ethyl alcohol (10%)	No attack
Sulfuric acid (30%)	Limited attack	Ethyl alcohol (30 %)	Limited attack
Sulfuric acid (90%)	Severe attack	Ethyl alcohol (97 %)	Severe attack
SOLVENTS		OILS AND GREASY PRODUCTS	
Acetone	Severe attack	Glycol	No attack
Benzene	Severe attack	Mineral oils	No attack
Chloroform	Severe attack	Parafin	No attack
Petrol(super)	Severe attack	glycerine	No attack
Petrol standard	Limited attack		
Gasoil	Limited attack	FOOD PRODUCTS	
Toluene/xylene	Severe attack	Coconut oil	No attack
Turpentine/white spirit	Limited attack	Fruits juices	No attack
		Olive oil	No attack
CLEANING AGENTS		Vinegar	No attack
Bleach 10%	No attack	Wine	No attack
Bleach 48 %	Severe attack	Salt	No attack
Ammonia Standard solution	No attack	Seawater	No attack
Ammonia concentrated	Severe attack	Blood/urin	No attack