

# **CHEMICAL** RESISTANCE TESTS



**MONOLITE**  
**IPERGRES**

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TECHNICAL CERAMIC

# Chemical Resistance Tests

(in alphabetical order A > Z)

REAGENT	RESULT
Acetic Acid (99%)	No effects
Acetic Anhydride	No effects
Acetone	No effects
Acetonitrile	No effects
Acridine Orange	No effects
Alizarin Complexone Dihydrate	No effects
Ammonium Hydroxide (28%)	No effects
Amylacetat	No effects
Aniline blue, Water Soluble	No effects
Benzene	No effects
Butyl Alcohol	No effects
Carbol Fuchsin	No effects
Carbon Tetrachloride	No effects
Carmine	No effects
Chloroform	No effects
Chromium (VI) Oxide (60%)	No effects
Congo Red	No effects
Copper Sulphate (10%)	No effects
Cresol	No effects
Crystal Violet (Gentian)	No effects
Dichlor Acetic Acid	No effects
Dichlormethane	No effects
Dioxane	No effects
Eosin B	No effects
Ethylalcohol	No effects
Ethyl Acetate	No effects
Ethylene Glycol	No effects
Ethyl Ether	No effects
Ferric (III) Chloride (10%)	No effects
Formaldehyde (37%)	No effects
Formic Acid (99%)	No effects
Fuchsin (basic)	No effects
Furfural	No effects
Gasoline	No effects
Giemsa Stain	No effects
Hydrochloric Acid (37%)	No effects
Hydrofluoric Acid (48%)	Failed
Hydrogen Peroxide	No effects
Iodine Solution (0.1 N)	No effects

REAGENT	RESULT
Iodine (Crystals and Tincture)	No effects
Malachite Green Oxalate	No effects
Methylalcohol	No effects
Methylene Blue	No effects
Methylethylketone	No effects
Methylisobutylketone	No effects
Methyl Violet 2B	No effects
Mono Chlorobenzene	No effects
n-Butyl Acetate	No effects
n-Hexane	No effects
Naphtaline	No effects
Nitric Acid (70%)	No effects
Perchloric Acid (60%)	No effects
Phenol	No effects
Phosphoric Acid (85%)	No effects
Potassium Iodite (10%)	No effects
Potassium Permanganate(10%)	No effects
Safranin O	No effects
Silver Nitrate (1%)	No effects
Sodium Chloride (10%)	No effects
Sodium Hydroxide (40%)	No effects
Sodium Hydroxide (flakes)	No effects
Sodium Hypochlorite (13%)	No effects
Sudan III	No effects
Sulphuric Acid (98%)	No effects
1/2 Sulphuric Acid (85%)+ 1/2 Nitric Acid (70%)	No effects
Tetrahydrofurane	No effects
Toluene	No effects
Trichlorethylene	No effects
Xylene	No effects
Zinc Chloride Saturated	No effects

**Informations based on in-house and Worldwide Customers' Tests as of May 2022.**

Informations provided and intended only to show **MONOLITE IPERGRES®** wide range of applications but not valid as guarantee in any way. Customers are kindly asked to conduct their own tests for specific needs and applications.