

TECHNICAL INFORMATION

KINPOL ISOTHIX 48



555-50048-900

DESCRIPTION

KINPOL ISOTHIX 48 is an unsaturated, thixotropic, pre-accelerated, medium to low viscosity isophthalic polyester resin, designed to produce thermo-fixed plastic fiberglass reinforced products that will remain in constant immersion in water or in mild to medium aggressive industrial environments.

USE

Use only to make thermo-fixed plastic elements reinforced with fiberglass.

Product line Professional/industrial Line

CHARACTERISTICS

SPECIAL PROPERTIES

Finish	Amber violet
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PHYSICAL PROPERTY

DATA

ASTM D 790 Flexural modulus properties (GPa)	8.08
ASTM D 790 Flexural strength resistance (MPa)	167.76
ASTM D 638 Modulus of elasticity (GPa)	22.04
ASTM D 638 Tensile Strength (MPa)	132.46
Weight solids (%)	58.0 - 61.0
Weight per Gallon (kg/gal)	4.00 - 4.30
Brookfield Viscosity RFV (cPs)	200 - 400
Gel Time (MEK 1%)	15 - 25 min
Acid Number	15 max. (based on solids)
Reactive diluent	Styrene
Glicol	NPG

PRESENTATION

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator skills, selection, preparation or compatibility of products used; therefore, can only guarantee this product quality, its features and qualities' suitability, but is not responsible for the results obtained in conditions impossible to check once the job has been done. SUR QUIMICA has made reasonable efforts to ensure the accuracy of the information provided here, but assumes no responsibility for any error, omission or inaccuracy in it. If there is any inconsistency between different language issues of this document, Spanish version will prevail.

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AVAILABLE PRESENTATIONS	AVAILABLE COLORS
20 kg Plastic bucket	Neutral 900
205 kg metal drum	

SURFACE PREPARATION

CONDITION	INSTRUCTION
Clean the mold:	Thoroughly clean the molds to be used in manufacture, making sure that they are free of contaminants.

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Component A: 555-50048-900 KINPOL ISOTHIX 48	100 Parts	Add from 0.5% to 2% of catalyst (MEKP Peroxide), or 19 to 75 ml per gallon of resin.
Catalyst: 555-06898-900 BECCAT 6898	0,5 - 2%	Add catalyst and shake for 1 minute:

PRODUCT APPLICATION

IT CAN BE APPLIED WITH

-  Brush

Application conditions

Before applying resin and fiberglass, surface must be clean, free of grease and oil, to guarantee an optimal adhesion.

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OBSERVATIONS

- ✓ If you need more information, one of our technicians will assist you. Call 800-SUR-2000 or email us at customerservice@gruposur.com
- ✓ Container must be kept tightly closed in a ventilated place, between 20 and 30°C to avoid loss of its properties. Keep out of reach of children.

HEALTH

- ✓ Application personnel should use appropriate personal protective equipment, which is detailed in this product's Safety data Sheet (MSDS), available at <http://www.gruposur.com>
- ✓ If you need to dispose of empty containers of our products in Costa Rica, contact your SUR Color paint store or our industrial compound in La Uruca, San Jose.

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