

# الشركة السعودية للراتجات الصناعية المحدودة Saudi Industrial Resins Limited

س.ت 4030011854 - رقم العضوية 3275 جدة - رأس المال 50.000.000 مليون ريال (مدفوع بالكامل)  
CR 4030011854 CC 3275 Jeddah Capital SR 50 000 000 Fully Paid

## TECHNICAL DATA SHEET

### SIROPOL 7130

**DESCRIPTION:** SIROPOL 7130 resin is a high viscosity, non-promoted, chemical and water resistant, Neopentyl Glycol Isophthalic Resin.

#### PERFORMANCE:

- Excellent boiling water and chemical resistance
- Offers high strength
- Excellent toughness
- High heat resistance, high heat distortion temperature.
- Displays Excellent resistance to out door weathering with UV stabilizer

#### SUGGESTED USES:

- Sanitary-ware Gelcoat
- Flat and corrugated sheet
- High temperature electrical laminates
- Applications requiring outstanding water and heat resistance

#### TYPICAL \*LIQUID RESIN PROPERTIES (25 °C)

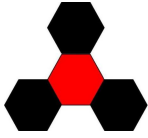
Percent Styrene	32 - 38 %
Viscosity - Brookfield, cps spindle 3@ 60 rpm	1200 – 1800 cps
Gelling Time at 25 °C, (Using 0.2% Co. 6% 1.0 M-50)	10 – 15 min
Acid Number	10 - 15

#### TYPICAL PHYSICAL PROPERTIES OF CURED CASTINGS

Clear Castings, Base resin (SIROPOL 7130)	
Specific Gravity	1.086
Barcol Hardness	50
Tensile Strength, *psi	6,250
Tensile Elongation **%	1.7
Flexural Strength, **psi	13,200
Flexural Modulus, **psi x 10 <sup>6</sup>	0.52
Heat Distortion Temperature, °C	131

\* ASTM - D638

\*\* ASTM - D790



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### SIROPOL 7130

(Continued)

**HANDLING:** Siropol 7130 resin contains ingredients, which could be harmful if mishandled. Contact with skin and eyes should be avoided and necessary protective equipment and clothing should be worn.

**Saudi Industrial Resins Ltd.**, maintains Material Safety Data Sheets on all of its products. Material Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers.

**Our MSDS** should be read and understood by all of your supervisory personnel and employees before using SIR's products in your facilities.

### RECOMMENDED STORAGE:

**DRUMS:** - Store at temperatures below 25°C. Storage life decreases with increasing storage temperature. Avoid exposure to heat sources, such as direct sunlight or steam pipes. Keep containers sealed to prevent moisture pickup and monomer loss. Rotate stock.

**BULK:** - Store in stainless steel tanks or tanks lined with epoxy or phenolic coatings. Observe precautions against heat and moisture (see above). An oxygen or dry air spurge may be desirable to keep inhibitors activated. Store at temperature below 25 °C.

**COMMERICAL WARRANTY:** When stored in accordance with the above conditions, Saudi Industrial Resins warrants this product to remain within specifications for three months from the date of shipment. All things being equal, higher temperature will reduce product stability; lower storage temperature will extend product stability.

Notice: S.I.R. makes no warranty or representation as to the suitability of the product as specified herein for any particular application. The determination of the suitability of the above specification for any particular use is solely the responsibility of the user.

All precautionary labels and notices should be ready and understood by all supervisory personnel and employees before using. Consult S.I.R. and OSHA regulations for additional safety and health information. Purchaser is responsible for complying with all applicable federal, state or local laws and regulations covering use of the product. Special attention should be given to consumer applications. Freedom to use any patent owned by S.I.R. or others is not to be inferred from any statement contained herein.