

Product Data

Silicone Varnish for Resistor Coating Enamel YR3187, YR3370

YR3187 and YR3370 are used for resistor coating insulating enamels. YR3187 is a solvent solution type that enables easy handling. YR3370 is a 100% solid resin type that can be used as a solution diluted with alcohol-xylene mixed solvent for making paints. YR3370 is highly suitable for powder coating enamels.

KEY FEATURES

- ◆ Excellent heat, moisture and solvent resistance
- ◆ Flame retardant
- ◆ Excellent electrical insulating properties

TYPICAL PROPERTY DATA

PROPERTIES	YR3187	YR3370
Appearance	Pale yellow, transparent	Pale yellow, transparent*
State	Xylene / butanol solution	solid
Solid content %	50	100
Viscosity (25°C) {mPa·s}	20	-
Compatibility with xylene	-	Clear at 1:1 mix
Specific gravity (25°C)	1.031	1.036*
Softening point °C	-	109

*: 50% toluene solution

Typical property data values should not be used as specifications.

HANDLING AND SAFETY

- ◆ Wear eye protection, protective gloves and respiratory protection while handling the product.
- ◆ Since the products are flammable, strictly prohibit the use of devices that may cause fire.
- ◆ For electrostatic prevention, have the equipments and devices grounded.

PRECAUTIONS FOR STORAGE

- ◆ Avoid direct sunlight and store the product, after it has been tightly sealed, at a dark indoor area that has little moisture.
- ◆ Keep out of the reach of children.

PACKAGING

- ◆ 1kg can available in case of 10YR3187, YR3370
- ◆ 15 kg can available by the canYR3370
- ◆ 18kg can available by the canYR3187

YR3187, YR3370 E Issued Jan. 2001

FOR INDUSTRIAL USE ONLY

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