

XIAMETER[®] RSN-0808 Resin

Silicone resin in xylene

FEATURES

- Excellent flexibility
- Excellent gloss retention
- Color retention
- Corrosion resistance
- Good heat resistance
- Useful leafig properties with metallic pigmented paints
- Weatherability

APPLICATIONS

- Decorative finishes based on XIAMETER[®] RSN-0808 Resin are recommended for use on space heaters, incinerators, clothes driers, stoves and other appliances requiring excellent color and gloss retention up to a temperature of 540°C.
- Protective coatings formulated with XIAMETER RSN-0808 Resin have excellent weather resistance and can be used on outdoor signs, motor frames, air conditioning units and other such equipment that can be baked at elevated temperatures.
- Aluminum paints based on XIAMETER RSN-0808 Resin are serviceable up to 650°C. For improved hardness blends of XIAMETER RSN-0808 Resin with XIAMETER[®] RSN-0840 Resin are recommended.
- XIAMETER RSN-0808 Resin can also be used to formulate heat resistant aluminum protective coatings; Note: for superior leafig properties, consider XIAMETER[®] RSN-0805 Resin.

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local XIAMETER[®] sales representative prior to writing specifications on this product.

Test	Unit	Value
Resin solids	%	50
Solvent		Xylene
Color		Pale straw
Color (Gardner Scale)		2
Specific gravity at 25°C/15.6°C		1.01
Viscosity at 25°C	mPa.s	80 to 200
Gardner Holdt		D to H
Flash point - closed cup	°C	27
Mineral spirits tolerance	%	120
Drying time at 200°C	hours	1-2
Curing time at 250°C	hours	1

HOW TO USE

The addition of metallic driers such as zinc or cobalt octoate will improve the hardness, rate of cure, and heat resistance of XIAMETER RSN-0808 Resin. Suggested amounts are 0.1 to 0.2 percent metal based on the resin solids. Lead catalysts or lead-containing pigments should not be used in silicone resins; even containers

with soldered seams will often cause gellation.

XIAMETER RSN-0808 Resin can be thinned with ketones, chlorinated solvents, glycol ethers, esters, butanol and aromatic solvents.

PRODUCT SAFETY INFORMATION

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL, ENVIRONMENTAL, AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE XIAMETER WEB SITE AT WWW.XIAMETER.COM.

STORAGE

Product should be stored at or below 25°C (77°F) in original, unopened containers. The most up-to-date shelf life information can be found on the XIAMETER Web site in the Product Detail page under Sales Specification.

XIAMETER RSN-0808 Resin is supplied in a flammable solvent. Avoid heat, sparks and open flame. Always provide adequate ventilation. Avoid prolonged breathing of vapours and contact with skin and eyes.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses. Not intended for human injection. Not intended for food use.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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