

# RTV-2 XP-592

Silicone Rubber, RTV-2

Silicones, Inc.

## Message:

XP-592 silicone rubber is a translucent two-component, addition reaction, platinum catalyzed system that cures at room temperature. It has a moderate durometer, superb physical properties, excellent release and good chemical resistance.

| General Information         |                          |                   |             |
|-----------------------------|--------------------------|-------------------|-------------|
| Features                    | Good Chemical Resistance |                   |             |
| Forms                       | Gel                      |                   |             |
| Physical                    | Nominal Value            | Unit              |             |
| Specific Gravity            | 1.08                     | g/cm <sup>3</sup> |             |
| Thermoset                   | Nominal Value            | Unit              | Test Method |
| Shelf Life                  | 26                       | wk                |             |
| Thermoset Mix Viscosity     | 40000 to 60000           | cP                | ASTM D2393  |
| Uncured Properties          | Nominal Value            | Unit              | Test Method |
| Color                       |                          |                   |             |
| -- <sup>1</sup>             | Clear/Transparent        |                   |             |
| -- <sup>2</sup>             | Clear/Transparent        |                   |             |
| Viscosity <sup>3</sup>      | 100                      | Pa·s              |             |
| Pot Life                    | 60 to 120                | min               |             |
| Cured Properties            | Nominal Value            | Unit              | Test Method |
| Shore Hardness (Shore A)    | 56 to 60                 |                   |             |
| Tensile Strength            | 6.24 to 6.58             | MPa               |             |
| Tensile Elongation at Break | 210 to 250               | %                 |             |
| Tear Strength               | 26.3 to 33.3             | kN/m              |             |
| NOTE                        |                          |                   |             |
| 1.                          | Activator                |                   |             |
| 2.                          | Base                     |                   |             |
| 3.                          | Base                     |                   |             |

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### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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