

# Sekisui PVC HA-24F

Polyvinyl Chloride  
Sekisui (Hong Kong) Limited

Message:

Sekisui PVC HA-24F is a polyvinyl chloride product. It is available in the Asia-Pacific region. The main characteristics are: heat resistance.

| General Information                    |                         |                   |             |
|----------------------------------------|-------------------------|-------------------|-------------|
| Features                               | Heat resistance, medium |                   |             |
| Appearance                             | White                   |                   |             |
| Forms                                  | Powder                  |                   |             |
| Physical                               | Nominal Value           | Unit              | Test Method |
| Specific Gravity                       | 1.53                    | g/cm <sup>3</sup> | JIS K7112   |
| Apparent Density                       | 0.50 - 0.60             | g/cm <sup>3</sup> | JIS K6720-2 |
| K-Value                                | 58.0                    |                   | JIS K6720-2 |
| Chlorine Content                       | 64.0                    | wt%               | ISO 1158    |
| Heat Loss                              |                         | wt%               | JIS K6720-2 |
| Temperature - Flex                     | 86                      | °C                | JIS K6745   |
| Mechanical                             | Nominal Value           | Unit              | Test Method |
| Tensile Stress (Yield)                 | 58.0                    | MPa               | JIS K7113   |
| Tensile Strain (Break)                 | 80                      | %                 | JIS K7113   |
| Flexural Modulus                       | 2750                    | MPa               | JIS K7171   |
| Flexural Stress                        | 86.0                    | MPa               | JIS K7171   |
| Impact                                 | Nominal Value           | Unit              | Test Method |
| Charpy Unnotched Impact Strength       | 25                      | kJ/m <sup>2</sup> | JIS K7111   |
| Thermal                                | Nominal Value           | Unit              | Test Method |
| Heat Deflection Temperature            |                         |                   |             |
| 0.45 MPa, not annealed                 | 95.0                    | °C                | JIS K7207   |
| 1.8 MPa, not annealed                  | 85.0                    | °C                | JIS K7191-1 |
| Vicat Softening Temperature            | 103                     | °C                | JIS K7206   |
| CLTE - Flow                            | 7.0E-5 - 7.5E-5         | cm/cm/°C          | ASTM D696   |
| Electrical                             | Nominal Value           | Unit              |             |
| Volume Resistivity <sup>1</sup> (23°C) | 1.0E+15                 | ohms · cm         |             |
| Dielectric Strength <sup>2</sup>       | 47 - 63                 | kV/mm             |             |
| Dielectric Constant                    |                         |                   |             |
| 60 Hz                                  | 3.08                    |                   |             |
| 1 MHz                                  | 3.20 - 3.60             |                   |             |
| Additional Information                 | Nominal Value           | Unit              | Test Method |
| Flow Rate (Flow Tester): 0.035 ml.sec  |                         |                   |             |
| NOTE                                   |                         |                   |             |
| 1.                                     | 50% RH                  |                   |             |

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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

