

# PrimoSan X662

Styrene Acrylonitrile  
KMI Group, Inc.

Message:

Injection molding grade. Highest heat deflection temperature among the KMI product family. Suitable for applications requiring short-term, high temperature exposure.

| General Information                       |                           |                   |             |
|-------------------------------------------|---------------------------|-------------------|-------------|
| Features                                  | Heat resistance, high     |                   |             |
| Uses                                      | Cosmetic Packaging        |                   |             |
|                                           | Lighting Applications     |                   |             |
|                                           | Electrical appliances     |                   |             |
|                                           | Home appliance components |                   |             |
|                                           | Drug                      |                   |             |
|                                           | Medical/nursing supplies  |                   |             |
|                                           | Printing machine parts    |                   |             |
| Processing Method                         | Extrusion                 |                   |             |
|                                           | Injection molding         |                   |             |
| Physical                                  | Nominal Value             | Unit              | Test Method |
| Density                                   | 1.07                      | g/cm <sup>3</sup> | ISO 1183    |
| Melt Mass-Flow Rate (MFR) (220°C/10.0 kg) | 18                        | g/10 min          | ISO 1133    |
| Water Absorption (23°C, 24 hr)            | < 0.20                    | %                 | ISO 62      |
| Hardness                                  | Nominal Value             | Unit              | Test Method |
| Rockwell Hardness (M-Scale)               | 83                        |                   | ISO 2039-2  |
| Mechanical                                | Nominal Value             | Unit              | Test Method |
| Tensile Modulus                           | 3550                      | MPa               | ISO 527-2/1 |
| Tensile Stress (Break)                    | 66.0                      | MPa               | ISO 527-2/5 |
| Tensile Strain (Break)                    | 2.5                       | %                 | ISO 527-2/5 |
| Flexural Stress <sup>1</sup>              | 107                       | MPa               | ISO 178     |
| Impact                                    | Nominal Value             | Unit              | Test Method |
| Charpy Unnotched Impact Strength (23°C)   | 12                        | kJ/m <sup>2</sup> | ISO 179/2U  |
| Thermal                                   | Nominal Value             | Unit              | Test Method |
| Vicat Softening Temperature               |                           |                   |             |
| --                                        | 108                       | °C                | ISO 306/A50 |
| --                                        | 105                       | °C                | ISO 306/B50 |
| Flammability                              | Nominal Value             |                   | Test Method |
| Flame Rating (1.5 mm)                     | HB                        |                   | UL 94       |
| NOTE                                      |                           |                   |             |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### 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

