# **DJSilicone NE-631**

#### Silicone

DONGJUE SILICONE (NANJING) CO., LTD

### Message:

This product has very good transparency, physical and mechanical properties, and yellowing resistance, It is approved by Center of Disease Control and Prevention of Nanking and is in accordance with the requirements of GB4806.1-94 "Hygiene Standard of Silicone Products for Food Use". It is suitable for kinds of silicone rubber products for food processing and medical and sanitation industries.

| General Information          |                                 |       |             |
|------------------------------|---------------------------------|-------|-------------|
| Features                     | Food Contact Acceptable         |       |             |
|                              | Good Color Stability            |       |             |
|                              | High Clarity                    |       |             |
|                              |                                 |       |             |
| Uses                         | Medical/Healthcare Applications |       |             |
|                              | Non-specific Food Applications  |       |             |
|                              | Sanitary Products               |       |             |
|                              |                                 |       |             |
| Appearance                   | Translucent                     |       |             |
|                              | White                           |       |             |
|                              |                                 |       |             |
| Processing Method            | Injection Molding               |       |             |
| Physical                     | Nominal Value                   | Unit  | Test Method |
| Density                      | 1.03 to 1.13                    | g/cm³ | ASTM D1505  |
| Hardness                     | Nominal Value                   | Unit  | Test Method |
| Durometer Hardness (Shore A) | 28 to 32                        |       | ASTM D2240  |
| Elastomers                   | Nominal Value                   | Unit  | Test Method |
| Tensile Set                  | < 5                             | %     | ASTM D412   |
| Tensile Strength (Yield)     | > 5.50                          | MPa   | ASTM D412   |
| Tensile Elongation (Break)   | > 500                           | %     | ASTM D412   |
| Tear Strength                | > 14.0                          | kN/m  | ASTM D624   |

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