

DJSilicone NE-9450

Silicone

DONGJUE SILICONE (NANJING) CO., LTD

Message:

Character: High transparency, excellent physical properties, yellowing resistance, and good processability
Application: NE-94 is suitable for kinds of molding application, silicone rubber products for food processing, medical industries with higher transparency requirements.
E.g. baby nipple, teeth-grinding stick (silicone teether for babies), and medical tube

| General Information | | | |
|------------------------------|---------------------------------|-------------------|-------------|
| Features | Contact Clarity | | |
| | Good Color Stability | | |
| | Good Processability | | |
| Uses | Medical/Healthcare Applications | | |
| | Non-specific Food Applications | | |
| | Transparent Parts | | |
| | Tubing | | |
| Appearance | Translucent | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.11 to 1.19 | g/cm ³ | ASTM D1505 |
| Molding Shrinkage - Flow | 2.9 to 3.4 | % | ASTM D955 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 48 to 52 | | ASTM D2240 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Set | < 8 | % | ASTM D412 |
| Tensile Strength (Yield) | > 9.00 | MPa | ASTM D412 |
| Tensile Elongation (Break) | > 500 | % | ASTM D412 |
| Tear Strength | > 40.0 | kN/m | ASTM D624 |
| Electrical | Nominal Value | Unit | Test Method |
| Volume Resistivity | 1.0E+16 | ohms · cm | ASTM D257 |
| Dielectric Strength | > 22 | kV/mm | ASTM D149 |

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