

SILPURAN® 6000/05 A/B

Silicone

Wacker Chemie AG

Message:

Silicone Rubber, LSR
Gaskets, Plastics and Rubber Processing
Masks, Pharmaceuticals & Healthcare
Membranes, Pharmaceuticals & Healthcare
Seals (HealthCare / Pharma), Pharmaceuticals & Healthcare
Valves (HealthCare / Pharma), Pharmaceuticals & Healthcare

| General Information | | | |
|---------------------|---------------------------------|--------|-------------|
| Features | Biocompatible | | |
| | BPA Free | | |
| | Breathable | | |
| | Good Chemical Resistance | | |
| | Good Flexibility | | |
| | Good Sterilizability | | |
| | Good Thermal Stability | | |
| | High Gas Permeability | | |
| | High Heat Resistance | | |
| | High Purity | | |
| | Low to No Odor | | |
| | Low to No Water Absorption | | |
| | Non-Toxic | | |
| | Steam Resistant | | |
| Uses | Body Implants | | |
| | Medical Devices | | |
| | Medical/Healthcare Applications | | |
| | Pharmaceuticals | | |
| Agency Ratings | ISO 10993 | | |
| | USP Class VI | | |
| Processing Method | Injection Molding | | |
| | Liquid Injection Molding (LIM) | | |
| Uncured Properties | Nominal Value | Unit | Test Method |
| Color | Clear/Transparent | | |
| Density | 1.04 | g/cm³ | ISO 1183 |
| Viscosity | 21 | Pa · s | DIN 53019 |

| Cured Properties | Nominal Value | Unit | Test Method |
|-----------------------------|---------------|------|-------------|
| Shore Hardness (Shore A) | 5 | | DIN 53505 |
| Tensile Strength | 2.50 | MPa | DIN 53504 |
| Tensile Elongation at Break | 700 | % | DIN 53504 |
| Tear Strength | 7.80 | kN/m | ASTM D624B |

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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

