



# KLINGERSil C-4430

## Typical Specifications

|                                      |                         |                       |
|--------------------------------------|-------------------------|-----------------------|
| Compressibility ASTM F 36 A          |                         | 11%                   |
| Recovery ASTM F 36 A                 |                         | 50%                   |
| Stress relaxation DIN 52913          | 50MPa, 16h/300°C        | 35MPa                 |
| Stress relaxation BS 7531            |                         | 31MPa                 |
| Klinger cold/hot compression (50MPa) | Thickness decrease 23°C | 8%                    |
|                                      | decrease at 300°C       | 11%                   |
| Gas leakage according to DIN 3535/6  |                         | <1.0ml/min            |
| Chlorides (soluble)                  |                         | 150ppm                |
| Thickness increase after fluid       | Oil nr.3:5h/150°C       | 3%                    |
| Immersion ASTM F 146                 | Fuel B:5h/23°C          | 5%                    |
| Density                              |                         | 1.55g/cm <sup>3</sup> |
| Average surface resistance           | R <sub>OA</sub> (xE10)  | 6.8 Ω                 |
| Average specific volume resistance   | ρ <sub>D</sub> (xE11)   | 1.2 Ω cm              |
| Average power factor                 |                         | 15.2 kV/mm            |
| Average dielectric strength          | 1kHz,ca. 3mm thick      | 0.05 tan δ            |
| Average dielectric constant          | 1kHz,ca.3mm thick       | 6.4 ε <sub>r</sub>    |
| Heat conductivity                    |                         | 0.42W/mK              |