

# Shin-Etsu Elastomer KE-2004-5A/B

Silicone Rubber, HTV

Shin-Etsu Silicones of America

Message:

Shin-Etsu Elastomer KE-2004-5A/B is a Silicone Rubber, HTV material. This product is available in North America.

| General Information                |               |                   |
|------------------------------------|---------------|-------------------|
| Physical                           | Nominal Value | Unit              |
| Specific Gravity                   | 1.08          | g/cm <sup>3</sup> |
| Hardness                           | Nominal Value | Unit              |
| Durometer Hardness                 | 5             |                   |
| Elastomers                         | Nominal Value | Unit              |
| Tensile Stress (100% Strain)       | 0.152         | MPa               |
| Tensile Strength                   | 2.10          | MPa               |
| Tensile Elongation (Break)         | 870           | %                 |
| Tear Strength <sup>1</sup>         | 9.11          | kN/m              |
| Compression Set (180°C, 22 hr)     | 2.3           | %                 |
| Thermoset                          | Nominal Value | Unit              |
| Post Cure Time (200°C)             | 4.0           | hr                |
| Additional Information             |               |                   |
| Press Cure / Post Cure: Press/Post |               |                   |
| Uncured Properties                 | Nominal Value | Unit              |
| Curing Time                        | 0.17          | hr                |
| NOTE                               |               |                   |
| 1.                                 | B mould       |                   |

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