

# Supersoft Actymer® AE-2000S

Thermoplastic Vulcanizate

Riken Technos Corp.

## Message:

Supersoft Actymer® AE-2000S is a thermoplastic vulcanized rubber (TPV) product. It is available in North America or Asia Pacific.

| General Information                                      |                 |                   |             |
|----------------------------------------------------------|-----------------|-------------------|-------------|
| Features                                                 | Medium hardness |                   |             |
| Forms                                                    | Particle        |                   |             |
| Physical                                                 | Nominal Value   | Unit              | Test Method |
| Density                                                  | 0.918           | g/cm <sup>3</sup> | ISO 1183    |
| Hardness                                                 | Nominal Value   | Unit              | Test Method |
| Durometer Hardness (Shore A, 15 sec)                     | 3               |                   | ISO 868     |
| Elastomers                                               | Nominal Value   | Unit              | Test Method |
| Tensile Stress (100% Strain)                             | 0.100           | MPa               | ISO 37      |
| Tensile Stress (Yield)                                   | 1.70            | MPa               | ISO 37      |
| Tensile Elongation (Break)                               | 830             | %                 | ISO 37      |
| Tear Strength                                            | 8.0             | kN/m              | ISO 34-1    |
| Compression Set                                          |                 |                   | ISO 815     |
| 70°C, 72 hr                                              | 28              | %                 | ISO 815     |
| 120°C, 72 hr                                             | 64              | %                 | ISO 815     |
| Aging                                                    | Nominal Value   | Unit              | Test Method |
| Change in Tensile Strength in Air (136°C, 168 hr)        | -10             | %                 | ISO 188     |
| Change in Tensile Strain at Break in Air (136°C, 168 hr) | -20             | %                 | ISO 188     |
| Thermal                                                  | Nominal Value   | Unit              | Test Method |
| Brittleness Temperature                                  | -60.0           | °C                | ISO 974     |
| Additional Information                                   |                 |                   |             |

The values listed above are tested in accordance with JIS K test methods.Rebound Resilience: 40%

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