

## Sealmax Style 9009 – EPDM Rubber



### Applications:

- **Sealmax Style 9009** – EPDM rubber gaskets can resist Abrasion, UV rays, Ozone, aging and Weather.
- **Style 9009** is steam resistant and offers excellent resilience and flexibility. It has low electrical conductivity and adheres easily to metal surfaces. It provides effective insulation and noise reduction, making it widely used in automotive and industrial applications.
- In addition, **Style 9009** is commonly used in sealants, expansion joints, garage door seals, pool and tank liners, and RV roofing systems.

### TECHNICAL SPECIFICATIONS

| SR.NO. | PROPERTIES                           | TEST METHOD                 | VALUE FPS UNITS        | TEST METHOD REFERENCE | VALUES METRIC UNITS    |
|--------|--------------------------------------|-----------------------------|------------------------|-----------------------|------------------------|
| 1.     | SPECIFIC GRAVITY                     | DIN 53508                   | 1.45 – 1.55            | ASTM D297             | 1.45 – 1.55            |
| 2.     | HARDNESS                             | DIN 53505                   | 75 – 80                | ASTM D2240            | 75 – 80                |
| 3.     | TENSILE STRENGTH ( min )             | DIN 53504                   | 1138 PSI               | ASTM D412             | 80 kg/cm2              |
| 4.     | ELONGATION AT BREAK ( min )          | DIN 53504                   | 250%                   | ASTM D412             | 250%                   |
| 5.     | TEAR RESISTANCE ( Angular )<br>min   | DIN 53515                   | 112 Lbs/Inch           | ASTM D624             | 20 Kg/cm               |
| 6.     | COMPRESSION SET                      | ISO 815ASTM D 395METHOD 'B' | At 100°C for 24 hours  | %                     | Max.30                 |
| 7.     | CHANGE IN PROPERTIES AFTER           |                             |                        |                       |                        |
| 8.     | HEAT AGEING FOR ( 72 hrs. AT 70 °C ) |                             |                        | ASTM D 573            |                        |
| 9.     | --- HARDNESS (Pts)                   |                             | + 8 (Max) A            |                       | + 8 (Max) A            |
| 10.    | --- TENSILE STRENGTH (%)             |                             | + 15% (Max)            |                       | + 15% (Max)            |
| 11.    | --- ELONGATION AT BREAK (%)          |                             | + 25% (Max)            |                       | + 25% (Max)            |
| 12.    | VOLUME SWELL : AT 70°C FOR 72 HRS    |                             |                        | ASTM D 471            |                        |
| 13.    | IN ASTM OIL NO.1                     |                             |                        |                       | NOT RECOMMENDED        |
| 14.    | IN ASTM OIL NO.2                     |                             | NOT RECOMMENDED        |                       | NOT RECOMMENDED        |
| 15.    | IN ASTM OIL NO.3                     |                             | NOT RECOMMENDED        |                       | NOT RECOMMENDED        |
| 16.    | EPDM RUBBER CONTENT IN TOTAL POLYMER |                             | 100%                   |                       | 100%                   |
| 17.    | CHEMICAL RESISTANCE                  |                             |                        |                       |                        |
| 18.    | --- OZONE                            |                             | FAIR                   | ASTM D 1149           | FAIR                   |
| 19.    | --- DILUTE ACIDS AND BASES           |                             | GOOD                   |                       | GOOD                   |
| 20.    | --- CONCENTRATED ACIDS AND BASES     |                             | NOT RECOMMENDED        |                       | NOT RECOMMENDED        |
| 21.    | --- OILS                             |                             | NOT RECOMMENDED        |                       | NOT RECOMMENDED        |
| 22.    | --- SOLVENTS                         |                             | NOT RECOMMENDED        |                       | NOT RECOMMENDED        |
| 23.    | COLOUR                               |                             | Black / Off White (FG) |                       | Black / Off White (FG) |

All technical data and recommendations are given based on our experience. However, we assume no liability whatsoever. All data and values must be verified by the user, as the effectiveness of a seal can only be accurately judged by evaluating all data parameters directly on site. The stated parameters of all packing styles are approximate and may be influenced if occurring together. We suggest you to contact us in case of any special applications.



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