

## VSR60 HST datasheet

|             |                                                                                                                                   |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------|
| MATERIAL    | elastomer.                                                                                                                        |
| DESCRIPTION | A very high quality compound, developed specifically to resist high pressure steam applications. With extended temperature range. |
| APPLICATION | /                                                                                                                                 |
| TEMPERATURE | The temperature range is between -70°C and 260°C.                                                                                 |

| PRODUCT PROPERTIES  | TEST METHOD | UNIT              | VALUE     |
|---------------------|-------------|-------------------|-----------|
| Shore hardness      | /           | Shore A           | 60 +/- 5  |
| Elongation at break | /           | %                 | 340       |
| Tensile strength    | /           | Mpa               | 7,5       |
| Tear resistance     | /           | N/mm              | 11        |
| Specific gravity    | /           | g/cm <sup>3</sup> | 1,15      |
| Temperature range   | /           | °C                | -70 / 260 |
| Compression set     | /           | %                 | 35        |

*The above values are typical*

The information in this datasheet is based on many years of experience in the application of VSR60. However, unknown parameters and conditions may restrict general statements during usage. It is vital that users satisfy themselves as to the suitability of individual products through adequate testing. For this reason and due to the wide range of applications of our products, AST B.V. can accept no liability as to the suitability or correctness of our recommendations in individual cases. The application limits for pressure, temperature and velocity given in this datasheet are maximum values determined in the test laboratory. During practical applications it should be remembered that due to the interaction of the operating parameters, the maximum values must be set correspondingly lower. For exceptional operating conditions, please contact us.