



VERTEX FC 31 is Copolymer FKM designed crafted to resist RGD applications at low pressures.

Material Data

| S.No | Description | ASTM Test Method | Unit | Spec |
|------|--------------------------------|-------------------|---------|-----------|
| 1. | Hardness | D 2240 | Shore A | 70±5 |
| 2. | Density | D 792 | gm/cc | 1.83±0.05 |
| 3. | Tensile Strength | D 412 | MPa | 12 (Min) |
| 4. | 100% Modulus | D 412 | MPa | 3 (Min) |
| 5. | Elongation @ break | D 412 | % | 175 (Min) |
| 6. | Compression Set 22hrs@200°C | D 395 Method B | % | 20 (Max) |
| | Compression Set 70hrs@200°C | | % | 30 (Max) |

Note: This information is to the best of our knowledge accurate and reliable and it does not necessarily indicate the end product performance. Hence, it is the customer's responsibility to evaluate the parts prior to use, especially in applications where the failure may result in injury and or damage.

Features & Benefits

- Lower volumetric swell
- Improved extrusion
- Very good chemical compatibility
- Improved compression set resistance
- Operating temperatures from -20°C to +204°C

Applications

- Valves
- Pumps
- Mechanical seals
- Compressors reactors

Product Range

- O rings
- Backup seals
- U cup seal
- X ring
- Lip seal
- Wiper seal

