



**VERTEX FC 07** is an FKM-B type compound Exclusively designed for Chemical Resistance.

### Material Data

| S.No | Description                    | ASTM Test Method  | Unit    | Spec      |
|------|--------------------------------|-------------------|---------|-----------|
| 1.   | Hardness                       | D 2240            | Shore A | 75±5      |
| 2.   | Density                        | D 792             | gm/cc   | 1.85±0.05 |
| 3.   | Tensile Strength               | D 412             | MPa     | 7 (Min)   |
| 4.   | 100% Modulus                   | D 412             | MPa     | 4 (Min)   |
| 5.   | Elongation @ break             | D 412             | %       | 150 (Min) |
| 6.   | Compression Set<br>22hrs@200°C | D 395<br>Method B | %       | 25 (Max)  |
|      | Compression Set<br>70hrs@200°C |                   | %       | 35 (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

Higher resistance to wide range of fluids under pressure

Very good chemical compatibility

Unrivalled Chemical 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

