



**VERTEX FC 13** is a FKM-GF type compound designed for excellent chemical resistance.

### Material Data

S.No	Description	ASTM Test Method	Unit	Spec
1.	Hardness	D 2240	Shore A	90±5
2.	Density	D 792	gm/cc	1.83±0.05
3.	Tensile Strength	D 412	MPa	14 (Min)
4.	100% Modulus	D 412	MPa	7 (Min)
5.	Elongation @ break	D 412	%	100 (Min)
6.	Compression Set 22hrs@200°C	D 395 Method B	%	25 (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 because of high fluorine content (70%)
- Operating temperatures from -5°C to +230°C

### Applications

- Valves
- Pumps
- Mechanical seals
- Compressors reactors

### Product Range

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

