



VERTEX FC 01 is Copolymer FKM compound Exclusively designed for high temperature and oil 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	1.83±0.05
3.	Tensile Strength	D 412	MPa	10 (Min)
4.	100% Modulus	D 412	MPa	4 (Min)
5.	Elongation @ break	D 412	%	150 (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

Automotive

Compressors reactors

Product Range

O rings

Backup seals

U cup seal

X ring

Lip seal

Wiper seal

