



VERTEX FC 16 is Copolymer FKM Exclusively designed for GAMMA Radiation 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	12 (Min)
4.	100% Modulus	D 412	MPa	5 (Min)
5.	Elongation @ break	D 412	%	175 (Min)
6.	Compression Set 22hrs@200°C	D 395 Method B	%	25 (Max)
	Compression Set 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
- Gamma radiation resistance
- 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

