



## DATA & SPECIFICATION DATASHEET OZ VITON

### Features

- Good mechanical resistance
- Superior resistance to hostile environment
- Good weather resistance
- Low compression set
- High temperature resistance



PROPERTIES	STANDARD	UNIT	VALUE
Hardness	DIN 53505	Shore A	87 ± 3
Density	DIN 53479	g/cm <sup>3</sup>	2.30
Tensile strength	DIN 53504	N/mm <sup>2</sup>	15
Elongation at break	DIN 53504	%	195
Stress ratio 100%	DIN 53504	N/mm <sup>2</sup>	10
<b>COMPRESSION SET</b>			
70°C /24h	DIN 53517	%	5.5
125°C /24h	DIN 53517	%	6.3
150°C /24h	DIN 53517	%	6.0
Min. application temp		°C	-20
Max application temp		°C	200
Tear strength	DIN 53507	N/mm	5
Abrasion	DIN 53516	mm <sup>2</sup>	240
<b>THERMAL AGEING 24h/230<sup>0</sup></b>			
Shore hardness change	DIN 53505	Shore A	+3
Change of tensile strength at break	DIN 53504	%	+11
Change of elongation strength	DIN 53504	%	+18
<b>IMMERSION IN ASTM OIL #1 acc to DIN 53521 70h 150<sup>0</sup>C</b>			
Shore hardness change	DIN 53505	Shore A	-2
Volume change	DIN 53521	%	+1.9
Change of tensile strength at break	DIN 53504	%	-15
Change of elongation strength at break	DIN 53504	%	+2.6

**IMMERSION IN ASTM OIL #3 acc to DIN 53521 70h 150°C**

Shore hardness change	DIN 53505	Shore A	-2
Volume change	DIN 53521	%	+1.9
Change of tensile strength at break	DIN 53504	%	-15.3
Change of elongation strength at break	DIN 53504	%	+6.2