



DATA & SPECIFICATION

DATASHEET

OZ NBR

Features



- Good mechanical resistance
- Resistance to fuel. Mineral oils and common solvents
- Low compression set
- Good heat resistance up to 100°C
- Preferred material

PROPERTIES	STANDARD	UNIT	VALUE
Hardness	DIN 53505	Shore A	87 ± 3
Density	DIN 53479	g/cm ³	1.28
Tensile strength	DIN 53504	MPa	18
Elongation at break	DIN 53504	%	300
Tensile strength @ 100% Elongation		MPa	10
COMPRESSION SET			
22h/100°C	ASTM D 395B	%	24
Tear strength	DIN 3507	N/mm	33
Abrasion	DIN 53516	mm ²	130
Min. application temp		°C	-30
Max application temp		°C	100
IMMERSION IN ASTM OIL #3 OIL acc to DIN 52521 70h 100°C			
Shore hardness change	DIN 53505	Shore A	+5
Volume change	DIN 53521	%	+16
Tensile strength change			-18
Elongation change			± 24
IMMERSION IN AIR 70h 100°C			
Shore hardness change	DIN 53505	Shore A	+3
Volume change	DIN 53521	%	0
IMMERSION IN WATER 70h 100°C			
Shore hardness change	DIN 53505	Shore A	0
Volume change	DIN 53521	%	+2.5