



OZ MOTUF

Design Description

OZ MOTUF has a hardness of 72 Shore D and is available in casted. it is suitable for guide rings, guide bushes, wearing strips and back-up rings.

The machinability is excellent. It has a service temperature range from -50°C to 120°C.

Features

- High performance urethane
- Nylon
- Low compression set
- Excellent hot water resistance
- Resistance in HFA, HFB hydraulic fluids and using biologically reducible hydraulic fluids

Properties	Standard	Unit	Value
Hardness	DIN 53505	Shore D	73D
Density	DIN 53479	g/cm ³	1.2
Tensile strength	DIN 53504	MPa	42
Elongation at break	DIN 53504	%	165
100% Modulus	DIN 53504	MPa	42
200% Modulus	DIN 53504	MPa	49.3
Compression set 70 °C/70h	DIN 53517	%	40
Tear strength: with nick	DIN 53515	KN/m	146
Abrasion loss	DIN 53516	mm ³	102
Minimum application temperature		°C	-50
Maximum application temperature		°C	120
Swell in water		%	0.3-0.4 max