



# DATA & SPECIFICATION DATASHEET HPU



## Features

- Outstanding toughness & abrasion for high pressure applications
- Mineral oil compatibility is good
- Good resistance to ozone attack & weathering

PROPERTIES	STANDARD	UNIT	VALUE
Hardness	DIN 53505	Shore A	95 ±2
Hardness	DIN 53505	Shore D	46 ±2
Density	DIN 53479	g/cm <sup>3</sup>	1.2
Tensile strength	DIN 53504	N/mm <sup>2</sup>	31
Elongation at break	DIN 53504	%	400
Stress ratio 100%	DIN 53504	N/mm <sup>2</sup>	17
Stress ratio 300%	DIN 53504	N/mm <sup>2</sup>	38
Compression set 20 °C/24h	DIN 53517	%	10
Compression set 70 °C/70h	DIN 53517	%	20
Tear strength	DIN 53515	N/mm	130
Elastic recovery	DIN 53512	%	26
Abrasion	DIN 53516	Mg loss	45
Minimum application temperature		°C	-50
Maximum application temperature		°C	100
Elongation at break after 2000h			440
Storage in distilled water at 95°C			440
Swell in water		%	0.3-0.4 max