X-HPU lubric

Hydrolysis-resistant polyurethane, modified by lubricants
Standard colour: black

- HPU in harder setting, with lowered coefficient of friction
- Resistant to mineral oil, HFD-U, HETG fluids, acid oils and gases, cold water, diluted acids and bases
- Applicable for rod and piston seals, wiper seals, rotary seals, static seals, spring-loaded sealing elements, backup rings and guide rings

Properties	Value	Unit	DIN Standard
Hardness	58 ± 3	Shore D	DIN ISO 7619-1
Density	1,21	g/cm³	DIN EN ISO 1183-1
100% Modulus	19,3	MPa	DIN 53504
300% Modulus	38,0	MPa	DIN 53504
Elongation at break	364	%	DIN 53504
Tensile strength	42,5	MPa	DIN 53504
Compression set 70°C/22h	4	%	DIN ISO 815-1
Compression set 70°C/70h	18	%	DIN ISO 815-1
Compression set 100°C/22h	10	%	DIN ISO 815-1
Rebound resilience	21	%	DIN ISO 4662:2017
Tear strength	96,0	N/mm	DIN ISO 34-1 A
Abrasion	10,0	mm³	DIN ISO 4649 B
min. Service temperature	- 30	°C	
max. Service temperature	+110	°C	