



# PU Lubricated Hydrolysis Resistant Polyurethane

## PUX58D BLACK

- Lubricant-filled polyurethane
- Resistant to mineral oil, HFC, HFD-U, HETG=biological base, acid oils and gases, cold water and 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

### Mechanical, Physical and Thermal Properties

Properties	Value	Unit	Din Standard
Hardness	58 ± 3	Shore D	DIN 53505
Density	1.24	g/cm <sup>3</sup>	DIN EN ISO 1183-1
Compression Set 70°C / 24h	28	%	DIN ISO 815-1
Compression Set 70°C / 70h	32	%	DIN ISO 815-1
Compression Set 100°C / 24h	42	%	DIN ISO 815-1
Elongation At Break	330	%	DIN 53504
100% Modulus	18.2	N/mm <sup>2</sup>	DIN 53504
300% Modulus	51.3	N/mm <sup>2</sup>	DIN 53504
Rebound Resilience	17	%	DIN 53512
Tear Strength	36.8	N/mm	DIN 53515
Minimum Service Temperature	-25	°C	
Maximum Service Temperature	+ 110	°C	

