


## General Information

PU-XSML is a self-lubricant version of PU-XML. It combines the mechanical and chemical properties of XML with a remarkably low friction factor. Therefore XSML is most suitable for applications in poor lubricated conditions. It can also be used to replace PTFE for Glyd rings and step seals as a more economical solution with better lifespan.

## Specification

Property	Unit	Value	Standard
Standard color	-	Black	
Durometer hardness	Shore A	-	DIN 53505
Durometer hardness	Shore D	60±3	DIN 53505
Density	g/cm <sup>3</sup>	1.23	DIN 53479
100% modulus	N/mm <sup>2</sup>	>18	DIN 53504
Elongation at break	%	>380	DIN 53504
Tensile strength	N/mm <sup>2</sup>	>40	DIN 53504
70°C/24h,20% compression	%	<25	DIN 53517
100°C/24h,20% compression	%	<30	DIN 53517
Tear strength	N/mm <sup>2</sup>	>120	DIN 53515
Rebound resilience	%	>28	DIN 53512
Abrasion	mm <sup>3</sup>	>16	DIN 53516
Minimum service temperature	°C	-30	-
Maximum service temperature	°C	+110	-

**Remark:** All test methods and values mentioned above are corresponding to ASTM or DIN standards and have been tested on standardized plates in the laboratory. All tests are made under laboratory conditions.