



Statements and recommendations in this publication are based on our experience and knowledge of typical applications of this product, and shall not constitute a guarantee of performance nor modify or alter our standard warranty applicable to such product. 02/2022

Sealing Solutions

evolast® N8SR, designed specifically for chemical process industry.

evolast® N8SR has a high temperature capability and a low compression-set at continuous temperature up to **330°C**.

evolast® N8SR provides superior service life in hot water, steam and amine.

evolast® N8SR has a temperature range from **-15°C** to **+330°C**.

evolast® N8SR qualifications:

- Superior resistance in hot water, steam and amine
- Excellent chemical resistance
- Low compression-set

Our evolast® N8SR is available for production of O-Rings (with diameters from 1 mm up to 2000 mm) and every shape of seal customer-designed.

Typical Properties

Physical properties

	test method	unit	typical value
Color			black
Specific Gravity	ASTM D1817	g/cm ³	1.88
Hardness	ASTM D2240	Shore A	78

Mechanical properties

	test method	unit	typical value
Compression set (70 hours, 200 °C)	ASTM D395 B/1	%	20
Elongation at break	ASTM D412	%	155
Tensile strength	ASTM D412	MPa	16.4

Thermal properties

	test method	unit	typical value
Service temperature range		°C	-15 to +330

Applications

Valves
Pumps
Mechanical seals
Sprayer
Compressors
Reactors

