



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® N993, designed specifically for chemical process industry.

evolast® N993 is an excellent choice for use in aggressive chemicals, acids, bases, steam, amines, organic and inorganic media, methanol, TBA and MTBE, esters, ethers.

evolast® N993 has a temperature range from **-20°C** to **+270°C** (short time **300°C**).

evolast® N993 qualifications:

- High temperature capability
- Broad chemical resistance
- Low compression-set

Our evolast® N93 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	1.98
Hardness	ASTM D2240	Shore A	91

Mechanical properties

	test method	unit	typical value
Compression set (70 hours, 200 °C)	ASTM D395 B/1	%	19
Elongation at break	ASTM D412	%	110
Tensile strength	ASTM D412	MPa	18.5

Thermal properties

	test method	unit	typical value
Service temperature range		°C	-20 to +270

Applications

Valves
Pumps
Mechanical seals
Sprayer
Compressors
Reactors

