



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[®] N775, designed specifically for chemical process industry for use in aggressive chemicals, not suitable for steam and amines at high temperature.

evolast[®] N775 has a high temperature capability and a low compression-set at continuous temperature up to **320°**.

evolast[®] N775 has a temperature range from **-15°C** to **+340°C**.

evolast[®] N775 qualifications:

- High temperature capability
- Good resistance in aggressive chemicals
- Excellent compression-set resistance

Our evolast[®] N775 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	2.02
Hardness	ASTM D2240	Shore A	76

Mechanical properties

	test method	unit	typical value
Compression set (70 hours, 275°C)	ASTM D395 B/1	%	12.7
Elongation at break	ASTM D412	%	140
Tensile strength	ASTM D412	MPa	18.6

Thermal properties

	test method	unit	typical value
Service temperature range		°C	-15 to +340

Applications

Valves
Pumps
Mechanical seals
Sprayer
Compressors
Reactors

