

Material Information

evolast[®] N894
Material No. 2175-10307



Sealing Solutions

evolast[®] N894, designed specifically for chemical process industry.

evolast[®] N894 is an excellent choice for use in aggressive chemicals, acids, bases, steam, amines, organic and inorganic media, methanol, TBA and MTBE, esters, ethers.

evolast[®] N894 has a temperature range from -25°C to +270°C.

evolast[®] N894 qualifications:

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

Our evolast[®] N894 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 D297	g/cm ³	1.98
Hardness	ASTM D2240	Shore A	75

Mechanical properties

	test method	unit	typical value
Compression set (70 hours, 200 °C)	ASTM D395	%	18.5
Elongation at break	ASTM D1414	%	145
Tensile strength	ASTM D1414	MPa	18

Thermal properties

	test method	unit	typical value
Service temperature range		°C	-25 to +270

Applications

- Valves
- Pumps
- Mechanical seals
- Sprayer
- Compressors
- Reactors

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.
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