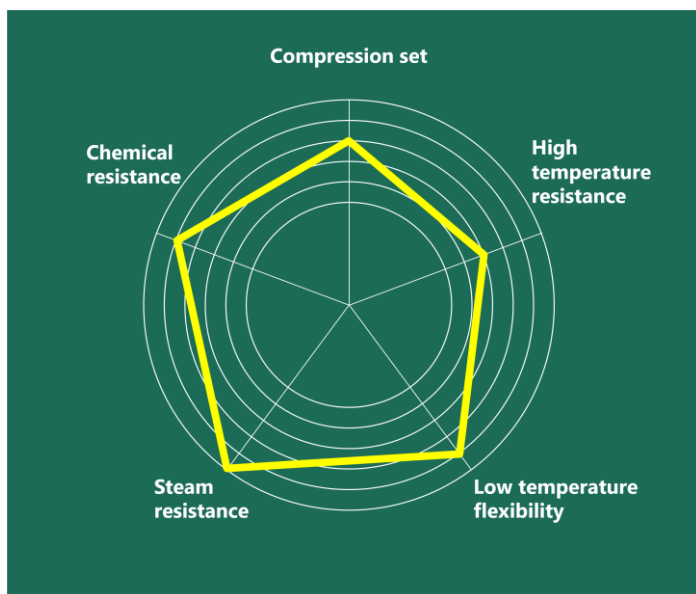


# SEALREZ 5800E

Sealrez® 5800E perfluorelastomer compounds in black color have been developed for general purpose use in O-rings and custom moulded parts used in applications requiring rapid gas decompression. Seals in such applications are also called Anti-Explosion after Decompression- or AED seals. Sealrez® 5800E series consist of compounds which excels in sour fluid resistance including H<sub>2</sub>S but also biogases. Sealrez® 5800E is used in extreme oil- and gas applications.

Sealrez® 5800E survives in extreme conditions where gases can enter the rubber under high pressure.



Physical Properties	Unit	Measured
Hardness <sup>1</sup>	Shore-A	90
Tensile strength <sup>2</sup>	MPa (psi)	19,0 (3229)
Elongation at break <sup>2</sup>	%	104
Modulus @ 100% <sup>2</sup>	MPa (psi)	12,0 (1720)
Compression set 70hrs @ 200°C <sup>3</sup>	%	30
Minimum operating temperature	°C	-10
Maximum operating temperature	°C	230

<sup>1</sup> ASTM D2240

<sup>2</sup> ASTM D412

<sup>3</sup> ASTM D395B

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