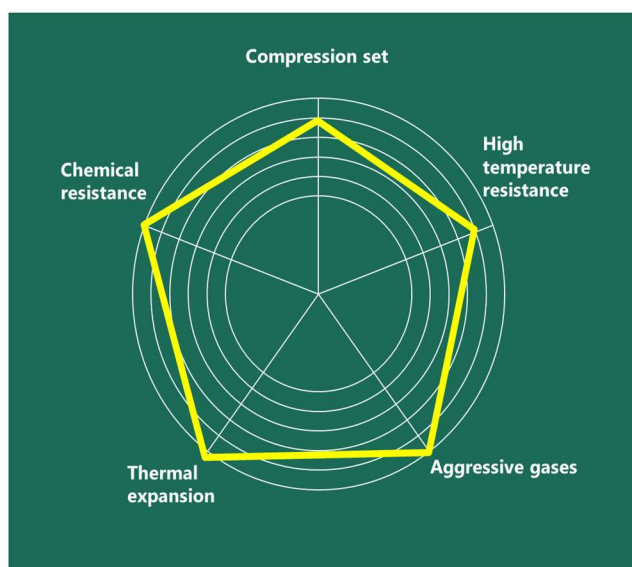


# SEALREZ 4075SC

## for thermal semiconductor processes

Sealrez compounds for semiconductor processes are developed to manufacture high quality O-rings and custom moulded parts including bonded gates. Ultraclean manufacturing takes place in ISO class 7 cleanrooms, whereas cleaning and packaging takes place in ISO class 5 cleanrooms.

Sealrez® 4075SC perfluorelastomer compounds in white color have been developed for harsh chemical and high temperature semiconductor processes. Sealrez® 4075SC compounds excel in thermal processes with aggressive oxygen and fluorine based exhaust gases showing low thermal expansion.



Physical Properties	Unit	Measured
Hardness <sup>1</sup>	Shore-A	80
Tensile strength <sup>2</sup>	MPa (psi)	19,9 (2885)
Elongation at break <sup>2</sup>	%	264
Modulus @ 100% <sup>2</sup>	MPa (psi)	6,32 (916)
Compression set 72hrs @ 200°C <sup>3</sup>	%	33
Minimum operating temperature	°C	-20
Maximum operating temperature	°C	280

<sup>1</sup> ASTM D2240

<sup>2</sup> ASTM D1414

<sup>3</sup> ASTM D395B

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