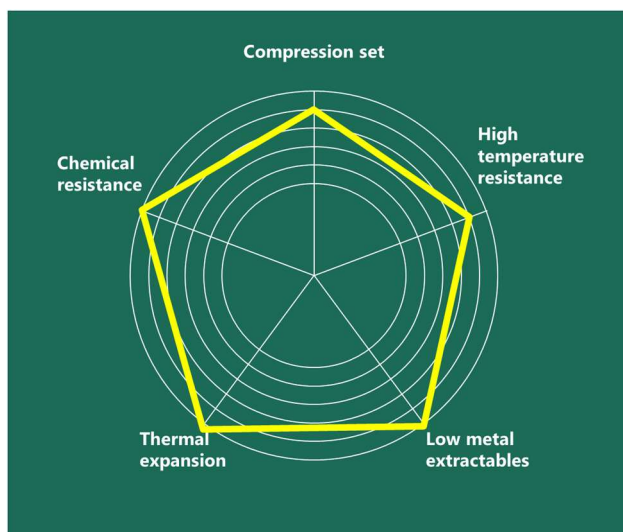


SEALREZ 1050SC

for wet 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® 1050SC perfluorelastomer compounds in black color have been developed for harsh chemical wet semiconductor processes. Sealrez® 1050SC compounds excel in processes like for instance wet etching. Sealrez® 1050SC compounds show extremely low metal extractables, most elements less than the detection limit of 0.1 ppb (ng/g).



Physical Properties	Unit	Measured
Hardness ¹	Shore-A	75
Tensile strength ²	MPa (psi)	14,4 (2087)
Elongation at break ²	%	180
Modulus @ 100% ²	MPa (psi)	4,46 (646)
Compression set 70hrs @ 200°C ³	%	20,5
Minimum operating temperature	°C	-10
Maximum operating temperature	°C	260

¹ ASTM D2240

² ASTM D1414

³ ASTM D395 (AS568 K214 O-ring)

Sealrez® trademark is owned by Sealution. Further information can be found at www.sealrez.eu
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