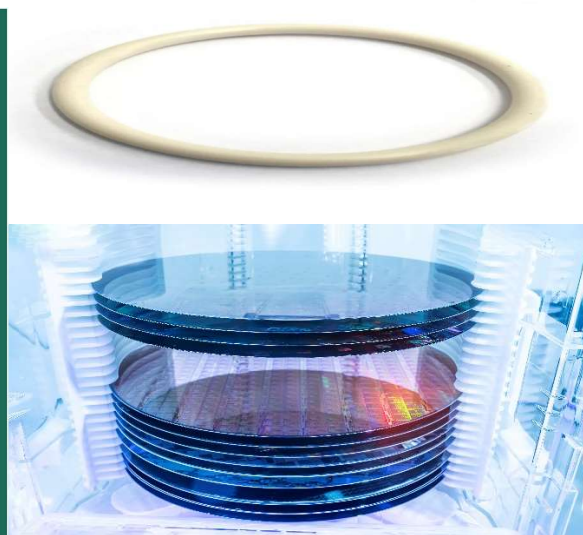
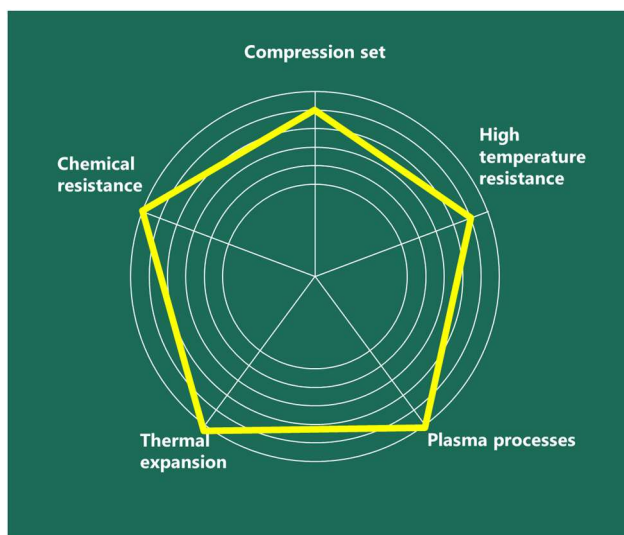


SEALREZ 3070SC

for plasma 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® 3070SC perfluorelastomer compounds in cream color have been developed for harsh chemical plasma semiconductor processes. Sealrez® 3070SC compounds excel in processes like for instance (PE)CVD. Sealrez® 3070SC compounds with ultra low particle generation show extremely low weight loss in direct plasma exposure.



Physical Properties	Unit	Measured
Hardness ¹	Shore-A	78
Tensile strength ²	MPa (psi)	17,1 (2474)
Elongation at break ²	%	200
Modulus @ 100% ²	MPa (psi)	6,79 (985)
Compression set 72hrs @ 175°C ³	%	27
Minimum operating temperature	°C	-20
Maximum operating temperature	°C	260

¹ ASTM D2240

² ASTM D1414

³ ASTM D395B

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