

CoreRes[®] IN-107

Perfluoroelastomer Parts



CoreRes[®] IN-107 is made with Nano-filler for minimize particle generation. It has excellent plasma resistance for cleaning gas(O₂, NF₃ etc) and reactive gas to be used in dry etching, PVD, CVD, Diffusion process.

The maximum service temperature is 230°C and the physical properties is stable in the high temperature and plasma condition to be used .

Features & Benefits

- Minimal contamination
- Outstanding physical properties
- Excellent plasma resistance
- Good thermal resistance

Applications

- Door Seals Lid seals
- Slit valves Gas inlet seals
- Windows seals KF fitting seals
- Isolator valves

Recommend Process Application

- Dry etch plasma
- Deposition (CVD,PECVD,HDPCVD)
- Remote plasma cleans
- Dry ashing

Typical Physical Properties

Color	Dark Brown
Tensile Strength (Mpa)	28.9
Elongation at Break (%)	188
100% Modulus (Mpa)	8.2
Shore A Hardness	78
Compression Set on O-Ring #214 70hrs @ 200°C	24
Max Temperature (°C)	230
