



Established in 2003
NINGBO BODI Seals Co.,Ltd
Global technical advisor and a leading manufacturer of sealing solutions
Website: www.bdseals.com

FFKM-BD910A Materials data sheets

FFKM-BD910A perfluoroelastomer part is an amber-colored translucent product with excellent resistance to fluorine-based plasmas, including amorphous/microcrystalline silicon film deposition. It has very low weight loss and ultra-low particle generation in fluorine-based plasmas (e.g., NF₃, F₂, etc.). It also has excellent resistance to dry chemistry and has excellent thermal stability, compression permanent deformation and outgassing properties. It is suitable for use in plasma environments in semiconductor processes up to a maximum operating temperature of 270°C.

- **Characterization:**
 - Ultra-clean
- **Temp range:**
 - -15°C - 270°C
- **Application:**
 - Semiconductor industry

ORIGINAL PROPERTIES

Hardness Shore A

Color

Tensile strength Mpa

Elongation at break %

Compression Set 25% 70Hrs @200°C

Specific gravity

ASTM

D2240

Amber

D412

D412

D395B

Typical Test

72

Amber

18.7

260

23

2.1