



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

## FFKM-BD890B Materials data sheets

FFKM-BD890B perfluoroelastomer part is a black product with excellent chemical resistance. It has very low weight loss and ultra-low particle generation in fluorine, chlorine and oxygen plasmas. It also offers excellent resistance to dry chemistry and has excellent thermal stability, compression set and outgassing properties. Suitable for use in semiconductor processes in medium ionomer environments up to 320°C.

- **Characterization:**
  - Low outgassing, Wear resistance, low coefficient of friction, Low pressure variation
- **Temp range:**
  - -10°C - 320°C
- **Application:**
  - Semiconductor industry

### ORIGINAL PROPERTIES

ORIGINAL PROPERTIES	ASTM	Typical Test
Hardness Shore A	D2240	70
Color	Black	Black
Tensile strength Mpa	D412	19
Elongation at break %	D412	150
Compression Set 25% 70Hrs @200°C	D395B	18
Specific gravity		2.0