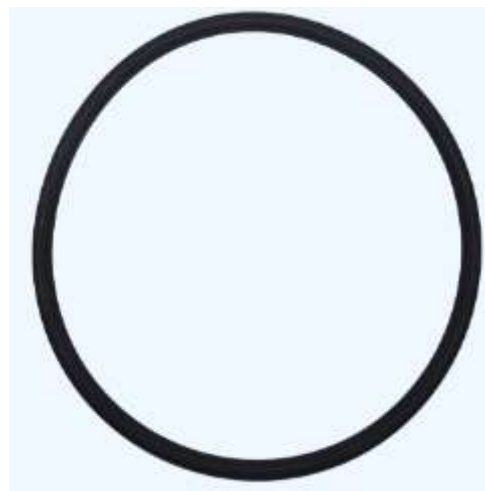


# EPDM ESD



UniPol EPDM ESD possesses an excellent resistance to ozone, sunlight, weathering and has very good flexibility at low temperature & good chemical resistance (many dilute acids and alkalis as well as polar solvents). EPDM ESD applications include general automotive, industrial and consumer hoses, weather seals, molded goods, wire and cable insulations, thermoplastic elastomers, and viscosity modifiers for lubricants. EPDM ESD offers electric resistivity (target 10E8 ohm) & the maximum service temperature recommended 150°C.



## Typical Physical Properties

Color	Black
Tensile Strength (Mpa) <small>*ASTM D412(dumbbell specimens)</small>	9.1
Elongation at Break (%) <small>*ASTM D412(dumbbell specimens)</small>	410
100% Modulus (Mpa)	1.5
Shore A Hardness <small>*ASTM D2240 (button sample)</small>	42
Max Temperature (°C)	150
Specific Gravity	1.2
Electric Resistance (ohm)	10E8 (±10E3)

## Superior performance, cost effectiveness

- Offer total solutions of sealings
- Lower contamination
- Longer life span
- Safe & Easier installation

## Applications

- ❖ Lip Seal
- ❖ Mechanical Seal
- ❖ Window Seals

## Recommend Process Application

- ❖ CMP
- ❖ Photography

NOTE : Minor black marks or variations in color may be observed on UPT FFKM part. These marks are inherent to the curing process and are not indicative of contamination or the presence of foreign material. They are considered normal characteristics of the product and are not expected to adversely affect the performance of the part in service.



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