

# EMI Conductive Rubber, LLC

1035 N. Armando Street Unit T – Anaheim, CA 92806 1-888-327-7122 / 714-414-0977 / 714-414-1179

<http://www.emiconductiverubberllc.com>

Email: emigaskets@gmail.com

## EPDM

Common Name	EPDM
ASTM D-2000 Classification	CA
Chemical Definition	Ethylene Propylene Diene Monomer
Durometer Range (Shore A)	30 - 90
Tensile Range (P.S.I.)	500 - 2500
Elongation (Max. %)	600
Compression Set	Good
Resilience - Rebound	Good
Abrasion Resistance	Good
Tear Resistance	Fair
Solvent Resistance	Poor
Oil Resistance	Poor
Low Temperature Usage (F°)	-20° to -60°
High Temperature Usage (F°)	to 350°
Aging Weather - Sunlight	Excellent
Adhesion to Metal	Fair to Good

### Comment

EPDM (Ethylene Propylene Diene Monomer) is a polymer with outstanding properties. It was exceptionally good weather aging and ozone resistance; excellent water and chemical resistance; excellent resistance to gas permeability, and excellent resistance to aging due to exposure to steam, and heat resistance excellent up to 350°F. Ethylene Propylene is a polymer where oil and solvent resistance is poor. However, it is fairly

## **EMI Conductive Rubber, LLC**

---

1035 N. Armando Street Unit T – Anaheim, CA 92806 1-888-327-7122 / 714-414-0977 / 714-414-1179

<http://www.emiconductiverubberllc.com>

Email: emigaskets@gmail.com

good in ketones and alcohols. It is not recommended for food applications or exposure to aromatic hydrocarbons.