



Formerly known as



JSR Corporation
www.jsr.co.jp

ETHYLENE PROPELENE DIENE MONOMER

ENEOS EPDM made with Ethylene, Propylene, and Non-conjugated Diene, which can be vulcanized with Conventional Sulfur, a Sulfur donor, Peroxides, Phenolic Resins, Radiation Cure and etc.

Basic Properties :-

- Outstanding Ozone Resistance
- Excellent Electrical Properties
- Good Chemical Resistance Especially to Polar Materials
- Wide Range of Tensile Strength & Hardness
- Excellent Heat Resistance
- Low Temperature Flexibility
- Resistance to Moisture & Steam.
- Excellent Weathering Ability

Application :-

1. Automobile Parts
2. Tire, Tubes
3. Radiator Hoses
4. Belts
5. Wire & Cables
6. Various Industrial Parts
7. Polyolefin Modifiers for Impact Modification

Physical Properties:

Grade	Mooney Viscosity ML ₁₊₄ 125 ° C	Ethylene Content wt%	ENB content wt%	Oil PHR	Characteristics	Application
EP24	42	54	4.4	0	High Speed Vulcanization, good processability & high extrusion speed	Wires, Cables, Automotive parts, Window seals & sponges
EP27	71	54	4.5	0	High Speed Vulcanization, Good Processability, Very High Mooney for high loading	Various types of Auto Parts, Industrial parts and injection molding goods
EP57F	58	67	4.5	0	High Green Strength, Excellent Extrudability. High Filler loading	Electrical Cables.
EP96	56	66	5.8	50	Oil Extended EPDM containing 50 phr oil . Excellent Flexibility. High level of loading possible while retaining physical properties	Window seals, Extruded goods in general, automobile parts and moldings
EP98	64	66	4.5	75	Oil Extended EPDM containing 75 phr oil. Can take Super high loading & excellent processability	Low hardness Moulded, Extruded product & Window seals