

## (40, 50, 60, 70 Duro) EPDM Rubber

EPDM rubber (ethylene propylene diene monomer) is a type of synthetic elastomer characterized by a wide range of applications. EPDM exhibits satisfactory compatibility with fireproof hydraulic fluids, ketones, hot and cold water, and alkalis. EPDM rubber is used in seals like cold-room doors since it is a good insulator, as well as radiators, garden and appliance hose, tubing, pond liners, washers, belts, electrical insulation, vibrators, O-rings, and more.

It is also used as a medium for water resistance in electrical cable-jointing, roofing membranes (since it does not pollute the run-off rainwater, which is important for rainwater harvesting), geomembranes, rubber mechanical goods, plastic impact modification, and many other applications.

### TECHNICAL DATA SHEET | (EFFECTIVE 24FEB25)

#### EPDM Rubber

| PHYSICAL PROPERTY  | TEST METHOD | UNIT | VALUE          |
|--------------------|-------------|------|----------------|
| Hardness (Shore A) | ASTM D2240  | -    | 40, 50, 60, 70 |
| Tensile Strength   | ASTM D412   | psi  | 750            |
| Elongation         | ASTM D412   | %    | 250            |
| Tempurature        |             | °F   | -30 to 200     |
| Color              |             | -    | Black          |
| Finish             |             | -    | Plate/Smooth   |