

EPDM 70 COMPOUND 559301

1. INTRODUCTION

EPDM 70-compound 559301 is made of Ethylene-Propylene, standard cord industrial quality.

2. PRODUCT DESCRIPTION

- **Chemical composition:** Ethylene / Propylene / Diene Terpolymer
- **Physical form:** Cord
- **Colour:** Black
- **Storage stability** *: \pm 10 years

* : Following ISO 2230 conditions

3. PHYSICAL PROPERTIES

TEST METHOD	NORM	TEST VALUES
Hardness	ISO 868	70 \pm 5 IRHD
Tensile Strength at break	ISO 37	12 MPa
Elongation at break	ISO 37	250%
Specific Weight	ISO 2781	1,180
Compression Set 22h/100°C, on slab	ISO 815	18% max

4. TEMPERATURE RESISTANCE

- -35° to +120°C
- in steam up to 140°C

5. CHEMICAL RESISTANCE

Air:	excellent
Alcohol:	excellent
Alkali:	excellent
Fats:	unsatisfactory
Hydrocarbons:	unsatisfactory
Ethers:	excellent
Esters:	unsatisfactory
Acids:	fair
Oils:	unsatisfactory
Water:	excellent
Steam:	good

6. ADVANTAGES

- Very good ozone and weathering resistance, as well as the resistance to acids and hydroxides with low concentration.
- Resistance to steam up to 140°C.

7. OTHER INFORMATION

- Not to be used in mineral oils.
- Also ask our high-quality precision EPDM cord.
- Can be produced in other colours and in FDA-compound.
- Tolerances on this cord are in compliance with ISO 3302 E2.

Note: These figures are for guidance only. Service life will depend on type of application, whether static or dynamic, specific pressure medium, temperature cycle, time of exposure, etc.