

EPDM 70-compound 559301 - Technical Data Sheet

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 * :	± 10 years

* : Following ISO 2230 conditions

3. Physical Properties

Test Method	Norm	Test Values
Hardness	ISO 868	70 ± 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.