

EPDM 60-compound 559260 black - Technical Data Sheet

1. Introduction

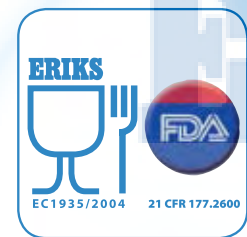
EPDM 70-compound 559260 is a standard EPDM Terpolymer, Peroxide cured. It has a good compression resistance. In compliance with FDA 177.2600.



2. Product Description

Chemical Composition :	Ethylene / Propylene / Diene Terpolymer - Peroxide cured
Physical form :	O-Rings / Mouldings
Colour :	Black
Odour :	None
Storage stability * :	7 years

* : Following ISO 2230 conditions



3. Physical Properties

Test Method	Unit	Norm	Test Values
Density	g/cm ³	ISO 2781	1,12
Hardness Shore A	Point	ISO 868	60 ± 5
Tensile Strength	Mpa	ISO 37	16
Ultimate Elongation	%	ISO 37	250
Modulus 100%	Mpa	ISO 37	4
Compression Set 24h/150°C	%	ISO 815	14
Heat Ageing 70h/150°C		ISO 188	
Hardness Change Shore A	Point		+6
Tensile Strength Change	%		-20
Ultimate Elongation Change	%		-26



4. Temperature Resistance

- -40° 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
Ozone	: excellent up to 140°C

6. Advantages

- Very good compression-set
- Excellent steam resistance
- Excellent ozone and weathering resistance

7. Other Information

- Compliant with FDA 177.2600.