



EPDM Kiwa Watermark 70 Compound 55985



Description

ERIKS EPDM Kiwa Watermark 70, compoundnumber 55985 is a specialty peroxide vulcanised EPDM compound designed for drinking water applications. The material has improved chemical- and thermal resistance. The compound is suitable for hot- (chloramine treated) drinking water as well cold drinking water.

Material

EPDM (Ethylene – Propylene – Diene Monomer)

Color

black

Hardness (Shore A)

70 +/-5

Elongation at break (%)

>180%

Max applicable surface pressure

10 MPa

Pressure max. (bar)

10 bar

Temperature limit

min.-45°C, max.+150°C

Application

- Drinking water
- Hot water and steam

Tests and Approvals

- ACS, DVGW, W270, KIWA Water Mark, NSF61
- UBA Elastomerleitlinie(KTW), WRAS
- RoHS, USP Class VI

Table 1: Technical data*

Property	Norm	Value	Unit
Hardness	ISO 7619	70 +/-5	Shore A
Elongation at break	ISO 37	205	%
Tensile strength	ISO 37	12.2	MPa
100% Module	ISO 37	3.5	MPa
Compression - 24 hr at 150°C	ISO 815	15	%

* Depending on temperature en construction.

Table 2: Supply programme*

Thickness (mm)	Inserts	Width (mm)	Length (mm)	Part no.
2	-	1000	1000	12693514
3	-	1000	1000	12693515
5	-	1000	1000	12692661

* Deviating thickness available upon request. Gaskets according to drawings can easily and quickly be manufactured.

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