

Compound E3676

EPDM, black

Compound Data Sheet

Creator

GH / 11.02.2025

Print-Date

11.02.2025

Status

Release

Data created electronically. This document is not subject to change management.
Not signed.

Physical properties

Test	Norm	Specimen	Ref. Value	Typ. Value	Unit
Hardness	DIN ISO 48-4	> 6 mm	75 ± 5	80	Shore A
Density	DIN EN ISO 1183-1		1.16 ± 0.02	1.16	g/cm ³
Tensile strength	DIN 53 504	S2	≥ 11.0	15.5	N/mm ²
Ultimate elongation	DIN 53 504	S2	≥ 160	231	%
Modulus 100%	DIN 53 504	S2	≥ 4.0	6.3	N/mm ²
Compression Set 70h/125°C	DIN ISO 815-1	25 % Deformation, Test specimen B, Methode A	-	10	%
TR10	ASTM D1329	ASTM D1309.6	-	-42	°C

Approvals

Aging Tests

Medium	Time (h)	Temp. (°C)	Norm	Properties		Typical value	
				Δ Hardness (ShA)	Δ Volume (%)	Δ RF (%)	Δ RD (%)

The test results are mean values and represent typical material properties. They are not to be used as specification values.
These test results are gained under usual laboratory conditions and do not necessarily correspond to results measured on finished goods.
The compound information does not release the user from the necessity to conduct his own testing.
We reserve the right to make technical alterations.
© 2023, Parker-Hannifin Corporation. All Rights Reserved. Subject to change.



Parker Hannifin Manufacturing Germany GmbH & Co.KG
Engineered Materials Group Europe
Prädifa Technology Division
Arnold-Jäger-Str. 1
74321 Bietigheim-Bissingen • Germany
Tel. +49 (0) 7142 351-0 • Fax +49 (0) 7142 351-293