

Compound N3573

HNBR, black

Compound Data Sheet

Creator

JH / 17.05.2024

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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 / -4	79	Shore A
Density	DIN EN ISO 1183-1		1.15 ± 0.02	1.15	g/cm ³
Tensile strength	DIN 53 504	S2	≥ 17.0	30.3	N/mm ²
Ultimate elongation	DIN 53 504	S2	≥ 225	294	%
Modulus 100%	DIN 53 504	S2	≥ 3.5	7.0	N/mm ²
Compression Set 24h/150°C	DIN ISO 815-1	25 % Deformation, Test specimen B, Methode A	-	18	%
Compression Set 70h/150°C	DIN ISO 815-1	25 % Deformation, Test specimen B, Methode A	-	27	%
TR10	ASTM D1329	ASTM D1309.6	-	-18	°C

Approvals

VS 17096 GW=GW32-019

Aging Tests

Medium	Time (h)	Temp. (°C)	Norm	Properties		Typical value	
				Δ Hardness (ShA)	Δ Volume (%)	Δ RF (%)	Δ RD (%)
ASTM-2	70	150	ISO 1817	-8	+13	-	-
hot air	72	150	DIN 53 508	+6	-	-	-

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.
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