

# Compound S0613

VMQ, red

## Compound Data Sheet

Creator  
GH / 01.02.2023

Print-Date  
29.03.2023

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	60 ± 5	61	Shore A
Density	DIN EN ISO 1183-1		1.49 ± 0.02	1.49	g/cm <sup>3</sup>
Tensile strength	DIN 53 504	S2	≥ 5.0	6.0	N/mm <sup>2</sup>
Ultimate elongation	DIN 53 504	S2	≥ 160	238	%
Modulus 100%	DIN 53 504	S2	≥ 2.0	2.4	N/mm <sup>2</sup>
Compression Set 24h/175°C	DIN ISO 815-1	25 % Deformation, Test specimen B, Methode A	-	18	%

## Approvals

BOSCH GW 63 V1

## Aging Tests

Medium	Time (h)	Temp. (°C)	Norm	Properties		Typical value	
				Δ Hardness (ShA)	Δ Volume (%)	Δ RF (%)	Δ RD (%)
ASTM-1	70	175	DIN ISO 1817	+1	+4	-	-
ASTM-3	70	175	DIN ISO 1817	-16	+31	-	-
air	70	225	DIN 53 508	+9	-	-	-

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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