

Compound W5019

PA66-30GF, black

Compound Data Sheet

Creator
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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
Density	DIN EN ISO 1183-1	-		1.37	g/cm ³
Modulus (1mm/min)	ISO 527-1/-2	Type 1A		10000	MPa
Stress at break	ISO 527-1/-2	Type 1A		190	MPa
Strain at break	ISO 527-1/-2	Type 1A		3	%
Heat deflection temp. (1,8 MPa)	ISO 75	80x10x4 mm		250	°C
Heat deflection temperature (0,45 MPa)	ISO 75	80x10x4 mm		258	°C
Charpy impact strength (23°C)	ISO 179-1/1eA	Type 1		10	kJ/m ²
Charpy impact strength (-30°C)	ISO 179-1/1eA	Type 1		9	kJ/m ²

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.

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