

VMQ 60 MC374 datasheet

MATERIAL Low compression set Silicone material, extrusion grade. FDA compliant to CFR 21 177-2600 and European regulations EC 1935/2004.

DESCRIPTION Excellent thermal resistance to both high and low temperatures
Good oxygen and ozone resistance and very high permeability resistance.
Good elongation properties.

APPLICATION Product use Inflatable seals, O-rings, Sealing profiles etc.

TEMPERATURE The temperature range is between -50°C and 180°C

PHYSICAL PROPERTIES	TEST METHOD	UNIT	VALUE
Shore hardness	ASTM D2240	Shore A	60 +/-5
Elongation at break	ASTM D412	%	524
Tensile strength	ASTM D412	Mpa or N/mm ²	10
Specific gravity	ASTM D1817	g/cm ³	1.2 +/- 0.03
Compression set 22h at 175°C	ASTM D395B	%	21
Temperature range	/	°C	-50 / 180
colour	/	/	Depends on the production
Storage stability	/	/	± 10 years

The above values are typical

The information in this datasheet is based on many years of experience in the application of VMQ60. However, unknown parameters and conditions may restrict general statements during usage. It is vital that users satisfy themselves as to the suitability of individual products through adequate testing. For this reason and due to the wide range of applications of our products, AST B.V. can accept no liability as to the suitability or correctness of our recommendations in individual cases. The application limits for pressure, temperature and velocity given in this datasheet are maximum values determined in the test laboratory. During practical applications it should be remembered that due to the interaction of the operating parameters, the maximum values must be set correspondingly lower. For exceptional operating conditions, please contact us.