

Z282

VMQ 70 RED
RAL 3016 FDA

Update 27 March 2019

General Application Temperature Range

From -50°C
To 200°C

General Environmental Application

Mineral Oils
Food
Low Temperatures
High Temperatures

Compliances FDA cfr 21

Composition – IMDS Data

CAS n°	Qty %
63394-02-5	90-99
10043-35-3	0-1
n.a.	3-6

Note

Disclaimer

Temperatures, applications and indications here above are meant as basic suggestions and valid for static applications with no other specific media and or conditions.

PHYSICAL AND MECHANICAL PROPERTIES

Property	Test STD	Unit	Value
Density	ASTM D1817	g/cm ³	1,33 ± 0,03
Hardness	ASTM D2240	ShA	70 ± 5
Tensile Strength	ASTM D412	N/mm ²	7,1
Elongation	ASTM D412	%	212
Tear resistance	ASTM D624B	N/mm	15
TR 10	ASTM D1329	°C	-50
Brittle Point		°C	
C. Set 24h @175°C	ASTM D395B	%	15
C. Set 70h @175°C		%	

AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 24h @200°C	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weigth</i>	%	
Air 70h @200°C	ASTM D573		
	<i>Hardness Change</i>	ShA	+8
	<i>Tensile Strength</i>	%	-25
	<i>Elongation</i>	%	-30
	<i>Volume</i>	%	
Oil ASTM 1 70h @150°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-10
	<i>Tensile Strength</i>	%	-30
	<i>Elongation</i>	%	-19
	<i>Volume</i>	%	+8
---	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weigth</i>	%	

