

Z282

VMQ 70 RED

RAL 3016 FDA

REV. 3

General Application

Temperature Range

From -60°C

To 200°C

General Environmental Application

Mineral Oils

Food

Low Temperatures

High Temperatures

Compliances

FDA cfr 21

Note

* Oil SHELL SPIRAX S4 CX
10W 168h @100°C

Disclaimer

Tests performed on test slabs. Temperatures, applications and indications 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 S1817	g/cm ³	1.33 ± 0,03
Hardness	ASTM D1817	ShA	70 ± 5
Tensile Strength	DIN 53504-S2	N/mm ²	>6
Elongation	DIN 53504-S2	%	>300
Tear resistance	ASTM D624B	N/mm	>11
TR 10	ASTM D1329	°C	<-50
Brittle Point	ISO812	°C	<-60
C. Set 24h @175°C	ISO 815-1A	%	<11
C. Set 70h @175°C	ASTM D395B	%	<21

AGEING PROPERTIES

Environment	Test STD	Unit	Value
SHELL Oil*	ISO 1817		
	<i>Hardness Change</i>	ShA	-8
	<i>Tensile Strength</i>	%	+4
	<i>Elongation</i>	%	+4
	<i>Volume</i>	%	+4.5
	<i>Weigth</i>	%	+3.5
Air 70h @200°C	ASTM D573		
	<i>Hardness Change</i>	ShA	+3
	<i>Tensile Strength</i>	%	-5
	<i>Elongation</i>	%	-10
	<i>Volume</i>	%	
	<i>Weigth</i>	%	
Oil ASTM 1 70h @150°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-10
	<i>Tensile Strength</i>	%	-32
	<i>Elongation</i>	%	-30
	<i>Volume</i>	%	+12
	<i>Weigth</i>	%	

	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	

