


VMQ/300				 - Part of Diploma PLC
Material Data Sheet	Compound	S8013F	Rev.2	
	Designation	VMQ	Mar.2020	

Material type: Silicone Rubber 80 Shore A. (Peroxide cured)

Extraction tested by independent laboratory in accordance with FDA CFR21:177.2600 (e-f)

Tested in accordance with USP Class VI <87><88> 121°C

Tested in accordance with the requirements stated in GB 4806.11-2016

Conforming to EU1935/2004 and EU2023/2006

Color: White
Temperature Range: Min. -60°C Max. +200°C
Storage recommendation: According to ISO 2230

Physical Properties	Unit	Test method	Value
Hardness, Shore A	pts	D2240	80
Tensile strength	MPa	D412	>6
Ultimate Elongation	%	D412	>100
Specific gravity		D297	1.2
Heat Resistance, 70h at 225°C			
Change in Hardness	pts	D573	3,0
Change in Tensile strength	%	D573	-13,2
Change in Ultimate Elongation	%	D573	-19,5
Compression set, Method B			
22h at 175°C	%	D395	<25
Water Resistance, 70h at 100°C			
Change in Hardness	pts	D471	-1.40
Change in Volume	%	D471	+2,9

For USP class VI approval, we refer to Nelson labs report no. 20-B1399-N1 <87> and 20-00366-N1 <88>
For FDA Migrationtest we refer to SGS report CANAC1414779402
GB 4806.11-2016 Report no. FCM1823378 (EN)