


VMQ/001				
Material Data Sheet	Compound	S7001F	Rev.0	
	Designation	SIL	Aug. 2014	

Material type: Silicone rubber 70 shore A
Acc. To FDA cfr21:177.2600

Color: Transparent

Temperature range: -60°c to +200°c

Storage recommendation: According to ISO 2230

Physical Properties	Unit	Test method	Requirement	Actual
Hardness, Shore A	pts	ASTM D2240	70 +/-5	
Tensile strength	MPa	ASTM D412C	>6	
Ultimate Elongation	%	ASTM D412 C	>150	
Density	g/cm ³	DIN 1183	1,2+/-0,03	

Compression set, Method B				
22h at 175°C	%	ASTM D395B	<25	

Heat resistance 70h 225°c				
Change in hardness	pts	ASTM D573	<10	
Change in tensile strength	MPa	ASTM D573	<-25	
Change in ultimate Elongation	%	ASTM D573	<-30	