

Material: Silicone Rubber (VMQ)

MAX SPARE Code: SL 75

Physical properties Nominal Variable Units Hardness 75-80 Shore A ASTMD 2240,23°C Variable strength \$ 51 Kg/Cm² ASTMD 412,23°C Variable strength \$ 150 % Elongation at break \$ 40 % ASTMD 412,23°C Variable strength \$ 240 % ASTMD 981,15°C,22 h,25 % Variable Strength Yes Yes ASTMD 973,225°C,70 h Points Yes Tensile Change \$ (40) % Yes Polins Resistance, RM-901 \$ (40) % Yes Hardness Change \$ (40) % Yes Fluid Resistance, RM-901 \$ (40) % Yes Hardness Change \$ (40) % Yes Hardness Change \$ (40) % Yes Points Pensile Change \$ (50) % Yes Points Pensile Change \$ (50) % Yes Points Pensile Change \$ (50) % Yes Points Pens			
ASTM D 2240, 23°C Kg/Cm² Tensile strength > 51 Kg/Cm² ASTM D 412, 23°C Kg/Cm² Elongation at break > 150 % ASTM D 412, 23°C Compression set < 40 % ASTM D 395, 175°C, 22 h, 25 % W STABERT M D 573, 225°C, 70 h W STABERT M D 573, 225°C, 70 h Hardness Change < (+10) Points Points Tensile Change < (+40) % Elongation Change < (+40) % Pull Assistance, IRM-901 X ASTM D 471, 150°C, 70 h Points Hardness Change < (-50) % Volume Change < (-50) % Volume Change < (-50) % Water Resistance, X Points Volume Change < (-50) % Volume Change<	Physical properties	Nominal	Units
Tensile strength > 51 Kg/Cm² ASTM D 412, 23°C • 6 • 6 Elongation at break > 150 % ASTM D 412, 23°C • 7 • 7 Compression set < 40 % ASTM D 395, 175°C, 22 h, 25 % • 7 • 7 ASTM D 573, 225°C, 70 h • 7 • 7 Hardness Change < (+10) Points Tensile Change < (-40) % Elongation Change < (-40) % Pluid Resistance, RM-901 * 7 ASTM D 471, 150°C, 70 h Points Hardness Change < (-50) % Yolunge Change < (-50) % Volume Change < (-50) % Water Resistance, ** ** ASTM D 471, 100°C, 70 h ** ** Hardness Change ± 5 Points Volume Change ± 5 Points Volume Change ± 5 % Volume Change ± 5 % Specific Gravity	Hardness	75-80	Shore A
RSTM D 412, 29°C Floorgation at break \$150 \$250	ASTM D 2240, 23°C		
Elongation at break > 1500 % ASTM D 412, 23°C < 400	Tensile strength	> 51	Kg/Cm²
ASTM D 412, 23°C < 400 % Compression set < 400 % ASTM D 395, 175°C, 22 h, 25 % Air Ageing ASTM D 573, 225°C, 70 h Points Hardness Change <(-40) % Elongation Change <(-40) % Fluid Resistance, IRM-901 ASTM D 471, 150°C, 70 h Hardness Change <(-50) % Elongation Change <(-50) % Volume Change <(-50) % Volume Change <(-50) % Water Resistance, Points ASTM D 471, 100°C, 70 h Hardness Change ±5 Points Volume Change ±5 Points Specific Gravity 1,22 ± 0,02 % ASTM D 792, 23°C,	ASTM D 412, 23°C		
Compression set < 400	Elongation at break	> 150	%
ASTM D 395, 175°C, 22 h, 25 % Air Ageing ASTM D 573, 225°C, 70 h Hardness Change < <(+10) Points Tensile Change < <(-40) % Elongation Change < <(-40) % Fluid Resistance, IRM-901 ASTM D 471, 150°C, 70 h Hardness Change < <(-15) Points Tensile Change < <(-50) % Elongation Change < <(-50) % Volume Change < <(-50) % Water Resistance, ASTM D 471, 100°C, 70 h Hardness Change	ASTM D 412, 23°C		
Air Ageing ASTM D 573, 225°C, 70 h Points Hardness Change <(+10)	Compression set	< 40	%
ASTM D 573, 225°C, 70 h Hardness Change	ASTM D 395, 175°C, 22 h, 25 %		
Hardness Change <(+10)	Air Ageing		
Tensile Change <(-40) % Elongation Change <(-40) % Fluid Resistance, IRM-901 ASTM D 471, 150°C, 70 h Hardness Change <(-15) Points Tensile Change <(-50) % Elongation Change <(-50) % Volume Change <(+20) % Water Resistance, ** ASTM D 471, 100°C, 70 h ± 5 Points Volume Change ± 5 % Volume Change ± 5 % Specific Gravity 1.22 ± 0.02 g/cc ASTM D 792, 23°C,	ASTM D 573, 225°C, 70 h		
Elongation Change <(-40) % Fluid Resistance, IRM-901 ASTM D 471, 150°C, 70 h *** Hardness Change <(-15)	Hardness Change	<(+10)	Points
Fluid Resistance, IRM-901 ASTM D 471, 150°C, 70 h Foints Hardness Change <(-15)	Tensile Change	<(-40)	%
ASTM D 471, 150°C, 70 h Hardness Change <(-15) Points Tensile Change <(-50)	Elongation Change	<(-40)	%
Hardness Change <(-15) Points Tensile Change <(-50)	Fluid Resistance, IRM-901		
Tensile Change <(-50) % Elongation Change <(-50)	ASTM D 471, 150°C, 70 h		
Elongation Change <(-50) % Volume Change <(+20) % Water Resistance, ASTM D 471, 100°C, 70 h ±5 Points Volume Change ±5 % Specific Gravity 1.22 ± 0.02 g/cc ASTM D 792, 23°C, 4	Hardness Change	<(-15)	Points
Volume Change <(+20) % Water Resistance, ASTM D 471, 100°C, 70 h Hardness Change Points Volume Change % Specific Gravity 1.22 ± 0.02 g/cc ASTM D 792, 23°C,	Tensile Change	<(-50)	%
Water Resistance, ASTM D 471, 100°C, 70 h ±5 Points Volume Change ±5 % Specific Gravity 1.22 ± 0.02 g/cc ASTM D 792, 23°C, *** ***	Elongation Change	<(-50)	%
ASTM D 471, 100°C, 70 h Hardness Change	Volume Change	<(+20)	%
Hardness Change ± 5 Points Volume Change ± 5 % Specific Gravity 1.22 ± 0.02 g/cc ASTM D 792, 23°C, Test of the control of the contr	Water Resistance,		
Volume Change ± 5 % Specific Gravity 1.22 ± 0.02 g/cc ASTM D 792, 23°C,	ASTM D 471, 100°C, 70 h		
Specific Gravity $1.22 \pm 0.02 \hspace{1cm} \text{g/cc}$ ASTM D 792, 23°C,	Hardness Change	±5	Points
ASTM D 792, 23°C,	Volume Change	± 5	%
	Specific Gravity	1.22 ± 0.02	g/cc
Operating Temperature -60 to 200 °C	ASTM D 792, 23°C,		
	Operating Temperature	-60 to 200	°C

Disclaimer

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