

Material: Silicone Rubber (VMQ)

MAX SPARE Code: SL 35

Hardness 35-40 Shore A ASTM D 2240, 23°C Tensile strength 550 Kg/Cm² ASTM D 412, 23°C Elongation at break 540 % ASTM D 412, 23°C Compression set 440 % ASTM D 395, 176°C, 22 h, 25 % Air Ageing ASTM D 573, 225°C, 70 h Hardness Change 4(+10) Points Tensile Change 4(+40) % Elongation Change 4(+40) % Fluid Resistance, IRM-901 ASTM D 471, 150°C, 70 h Hardness Change 4(-50) Points Tensile Change 4(-50) % Elongation Change 4(-50) % Wuture Change 4(+20) % Water Resistance, NATM D 471, 100°C, 70 h Hardness Change 4(+20) % Water Resistance, NATM D 471, 100°C, 70 h Hardness Change 4(-50) % Water Resistance, NATM D 471, 100°C, 70 h Hardness Change 4(-50) % Water Resistance, NATM D 471, 100°C, 70 h Hardness Change 4(+20) % Water Resistance, NATM D 471, 100°C, 70 h Hardness Change ±5 Points Volume Change ±5 Points Volume Change ±5 % Specific Gravity 1,15 ± 0.02 g/cc ASTM D 792, 23°C,			
ASTM D 2240, 23°C Tensile strength	Physical properties	Nominal	Units
Tonsile strength	Hardness	35-40	Shore A
ASTM D 412, 23°C Elongation at break	ASTM D 2240, 23°C		
Selongation at break	Tensile strength	> 50	Kg/Cm ²
ASTM D 412, 23°C Compression set < 40	ASTM D 412, 23°C		
Compression set < 400	Elongation at break	> 400	%
Air Ageing ASTM D 595, 175°C, 22 h, 25 % Air Ageing ASTM D 573, 225°C, 70 h Hardness Change	ASTM D 412, 23°C		
Air Ageing ASTM D 573, 225°C, 70 h Hardness Change	Compression set	< 40	%
ASTM D 573, 225°C, 70 h Hardness Change	ASTM D 395, 175°C, 22 h, 25 %		
Hardness Change <(+10) Points Tensile Change <(-40)	Air Ageing		
Tensile Change <(-40)	ASTM D 573, 225°C, 70 h		
Floid Resistance, IRM-901 <-(-40) % ASTM D 471, 150°C, 70 h -(-15) Points Hardness Change <(-50)	Hardness Change	<(+10)	Points
Fluid Resistance, IRM-901 ASTM D 471, 150°C, 70 h Hardness Change	Tensile Change	<(-40)	%
ASTM D 471, 150°C, 70 h Hardness Change	Elongation Change	<(-40)	%
Hardness Change <(-15)	Fluid Resistance, IRM-901		
Tensile Change <(-50)	ASTM D 471, 150°C, 70 h		
Elongation Change <(-50)	Hardness Change	<(-15)	Points
Volume Change <(+20) % Water Resistance, *** ASTM D 471, 100°C, 70 h ±5 Points Hardness Change ±5 % Volume Change ±5 % Specific Gravity 1.15 ± 0.02 g/cc ASTM D 792, 23°C,	Tensile Change	<(-50)	%
Water Resistance, ASTM D 471, 100°C, 70 h ±5 Points Hardness Change ±5 % Volume Change ±5 % Specific Gravity 1.15 ± 0.02 g/cc ASTM D 792, 23°C, 45 45	Elongation Change	<(-50)	%
ASTM D 471, 100°C, 70 h Hardness Change	Volume Change	<(+20)	%
Hardness Change ±5 Points Volume Change ±5 % Specific Gravity 1.15 ± 0.02 g/cc ASTM D 792, 23°C,	Water Resistance,		
Volume Change ±5 % Specific Gravity 1.15 ± 0.02 g/cc ASTM D 792, 23°C,	ASTM D 471, 100°C, 70 h		
Specific Gravity 1.15 ± 0.02 g/cc ASTM D 792, 23°C,	Hardness Change	±5	Points
ASTM D 792, 23°C,	Volume Change	±5	%
	Specific Gravity	1.15 ± 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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