



MATERIAL DATA SHEET

Material ref: S4141

Description: 40 duro Silicone/Red/Food Grade

<u>PHYSICAL PROPERTIES</u>	<u>TYPICAL</u>	<u>Result</u>
Hardness, Shore A	40+/-5	43
Tensile strength, PSI	870	1211
Elongation, %	300	551
Specific Gravity, g/cm ³		1.131

<u>COMPRESSION SET (%)</u> (22 HOURS @ 150C)	50	15
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<u>Oil Resistance</u> <u>ASTM1/70hrs/150C</u>		
Hardness change,pts	0 TO -10	-5
Tensile Change, %	-30 max	-4
Elong. Change, %	-20 max	-1
Volume change,%	0 to +10	+7

<u>Oil Resistance</u> <u>IRM903/70hrs/150C</u>		
Hardness change, pts	n/a	n/a
Tensile Change, %	n/a	n/a

<u>LOW TEMPERATURE</u> <u>RESISTANCE</u>		
(-55 C @ 3MINUTES) D2137 Method A	non-brittle	pass

FORMULATED PER 21 CFR 177.2600
ALL DATA DERIVED FROM TEST SLABS-NOT FINISHED PARTS