



## Silicone Mechanical Properties:

### Material Specification: mcor/ps-2735 silicone compound

<u>Properties</u>	<u>Limits</u>	<u>References</u>
Appearance	Red	Visual
Specific Gravity	1.37-1.43	ASTM D 297
Durometer, Shore A	65-75	ASTM D 2240
Tensile Strength (psi):	900 min	ASTM D 412
Elongation (%):	150 min	ASTM D 412
Tear Strength Die B (ppi)	50 min	ASTM D 624

Temperature operating range -55° C to 200° C

Test conditions: using a .075" ASTM test slab

Press cure: 10 min @ 250° F

Post cure – hrs. @ --- °F

*Note: These specifications are based on testing using an ASTM test slab. Mechanical properties of finished parts may vary slightly from these results.*

**Materials will meet the specifications set forth in FDA 21CFR177.2600**



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