FLUOROSILICONE RUBBER SHEET

MECHANICAL PROPERTIES

PROPERTY	SPEC	VALUE
HARDNESS SHORE A (+-5)	55-65	63
TENSILE STRENGTH (MPA)	7	8.23
ELONGATION (%)	200	315.1
DENSITY (G/CM³)	1.5 +/- 0.05	1.55
COMPRESSION SET AFTER 22H AT 175°C (%)	25	25
WORKING TEMPERATURE	MINUS 50 TO 230°C	
FOOD GRADE	YES	

Other tests performed in accordance with AMS 3325/3326 & MIL-DIL-25988-Specification. Include brittle point, torsional stiffness, heat aging change, Oil Fuel immersion change.

ATTENTION: The above data are based on the test data of our company's laboratory. Due to the different testing methods and conditions, the test results may have discrepancy. Customers need to have relevant technician to evaluate and determine whether the product suits your intended use.

MATERIAL FEATURES

-Excellent resistance to many automotive and aviation oils and fuels, chemicals, and solvents
- Extreme high and low temperature resistance
- Good low-temperature flexibility
- Good dielectric properties
- Excellent mechanical properties

- Good weathering resistance
- High ozone resistance
- Good ageing resistance
- Good rebound resilience
- Good water resistance
- Good bacterial Resistance