



Technical Data Sheet

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F60 - Fluorosilicone Grade 60sh
(O-ring grade)

MATERIAL: FLUOROSILICONE 60 SHORE

COLOUR: BLUE

GENERAL SERVICE TEMPERATURE RANGE: -60°C to +177°C

SPECIFICATION: THIS COMPOUND MEETS ASTM D2000 M2FK606 A19 EF31 EO36

Table with 3 columns: PHYSICAL PROPERTIES, REQUIREMENT, TEST RESULT. Rows include: HARDNESS SHORE A (63), TENSILE STRENGTH, MPa (7.3), ELONGATION, % (319), SPECIFIC GRAVITY (1.388), HEAT AGEING @ 70 hrs @ 200°C (HARDNESS CHANGE, POINTS: +15; TENSILE STRENGTH CHANGE %: -45; ELONGATION CHANGE %: -45), COMPRESSION SET (22 hrs @ 175°C %: 11), FLUID RESISTANCE, FUEL C 70 hrs @ 23°C (CHANGE IN HARDNESS, MAX POINTS: 0~-15; TENSILE STRENGTH CHANGE, %: -60; ELONGATION CHANGE, %: -50; CHANGE IN VOLUME: 0~+25), FLUID RESISTANCE, No. 3 OIL, 70 hrs @ 150°C (CHANGE IN HARDNESS, MAX POINTS: 0~-10; TENSILE STRENGTH CHANGE, %: -35; ELONGATION CHANGE, %: -30; CHANGE IN VOLUME: 0~+10).



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