

Fluorosilicone Grade 60sh

F60 (O-Ring Grade)

DATA SHEET



DELTA RUBBER LIMITED

Unit 21 Priory Industrial Park, Airspeed Road
Christchurch, Dorset, BH23 4HD

t: 01425 278011 www.deltarubber.co.uk deltasales@deltarubber.co.uk

Technical Information

Colour: Blue

General Service Temperature Range: -60°C to +177°C

Specification: This compound meets ASTM D2000n M2FK606 EF31 E036

Physical Properties:	Requirement	Test Result
Hardness Shore A	60 +/- 5	63
Tensile Strength (MPa)	6.20	7.3
Elongation (%)	175	319
Specific Gravity		1.388

Heat Ageing @ 70 hrs @ 200°C

Hardness Change (Points)	+15	+1
Tensile Strength Change (%)	-45	-25
Elongation Change (%)	-45	-15

Compression Set

22 hrs @ 175°C		11
----------------	--	----

Fluid Resistance, Fuel C 70 hrs @ 23°C

Change in Hardness (Max Points)	0 - -15	-11
Tensile Strength Change (%)	-60	-30
Elongation Change (%)	-50	-26
Change in Volume	0 - +25	+11

Fluid Resistance, No. 3 Oil 70 hrs @ 150°C

Change in Hardness (Max Points)	0 - +10	-2
Tensile Strength Change (%)	-35	-26
Elongation Change (%)	-35	-6
Change in Volume	0 - +10	+10

