

## Heat Resistance Fluoride Rubber D2570 Product Introduction

### (Characteristics)

D2570 is the new BLACK FKM product with its outstanding compression set.

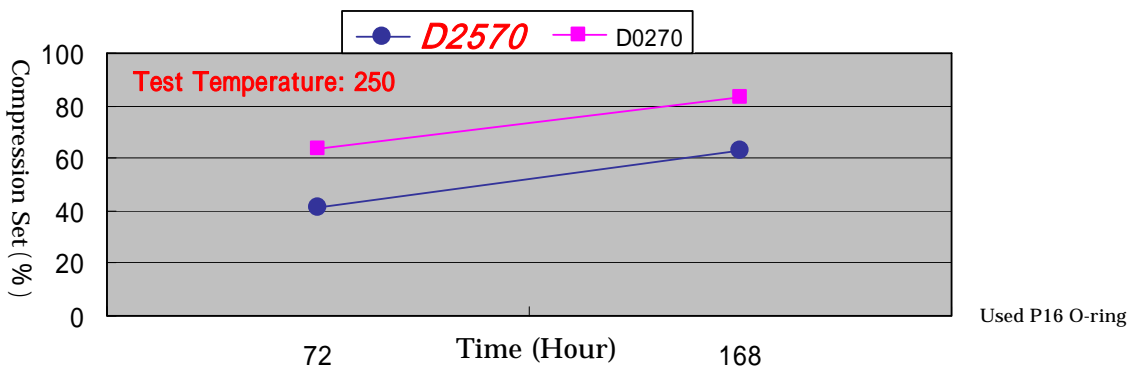
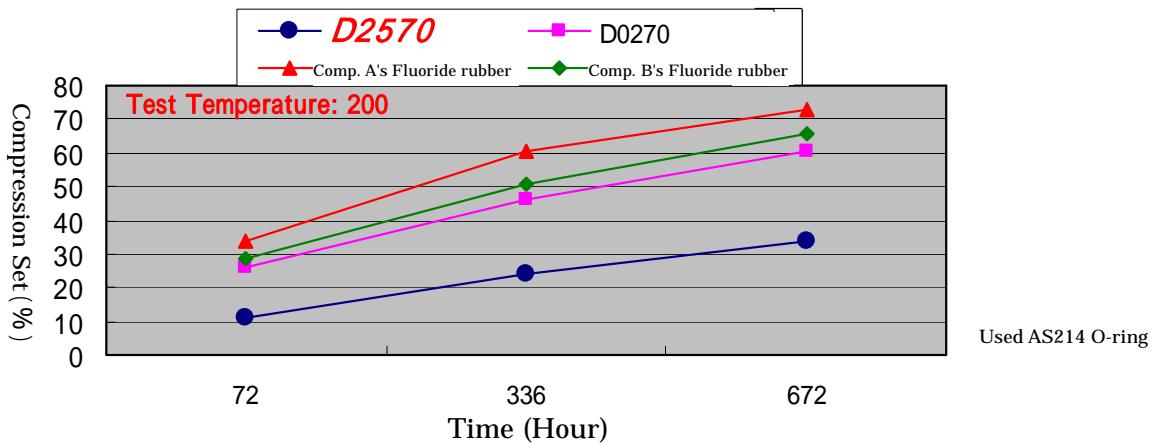
D2570 creates a long life in high temperature application in comparison with existed BLACK FKM.

### (Typical Properties)

		D2570	D0270 (Valqua's Standard Fluoride rubber)
Color	-	Black	Black
Hardness	Shore A	72	70
Tensile Strength	MPa	13.6	15.4
Elongation	%	230	300
100%Modulus	MPa	3.2	3.6
Compression Set *)	%	4	6

\*) Conditions : 175 × 22 h , Compression rate: 25%, Examined piece : Disk

### (Compression Set)



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**Heat Aging**

230 × 24 h	D2570	D0270
Hardness Change(point )	+ 1	- 2
Tensile Strength Rate of Change ( % )	- 4	- 5
Stretch Rate of Change ( % )	- 2	- 3

**Oil Resistance**

	D2570	D0270
Test oil 1 175 × 70h		
Hardness Change ( point )	- 4	- 2
Tensile Strength Rate of Change ( % )	- 8	- 10
Stretch Rate of Change ( % )	- 2	- 5
Volume rate of Change ( % )	+ 2	+ 2
Test oil 3 175 × 70h		
Hardness Change ( point )	- 3	- 3
Tensile Strength Rate of Change ( % )	- 13	- 12
Stretch Sate of Change ( % )	+ 3	- 1
Volume Rate of Change ( % )	+ 3	+ 2

All values are actual measurements, not standards.

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