

NEW!
PERFLUOROELASTOMER (FFKM) 7T01

Test to specification AMS 7257C (-214 O-Rings)

This is the specification which covers Kalrez® Compound 4079

<u>PHYSICAL PROPERTIES</u>	<u>SPECIFICATION AMS 7257 C</u>	<u>FFKM 7T01</u>
Hardness Shore A, pts	70 - 80	77
Tensile Strength, psi	1500 mn.	2126
Elongation, %	120 min.	170
Modulus @ 100%, psi		1178
Heat Resistance, ASTM D573, 70 hours @ 290 c:		
Change in Durometer, pts.	-5 to 5	+1
Change in Tensile, %	-20 max.	+38
Change in Elongation, %	5 max.	-32
Weight Change, %	-5 max.	-2
Compression Set, ASTM D395, Method B, 70 hours @ 230 C, %		
	40 max.	32
Fluid Resistance, ASTM D471, ASM 3021 (ARM 200), 70 hours @ 175 c:		
Change in Durometer, pts.	-5 to 5	0
Change in Tensile, %	-10 max.	0
Change in Elongation, %	-15 max.	-15
Volume Change, %	0 to 5	0
Fluid Resistance, ASTM D471, AS 1241 (Skydrol LD4), 70 hours @ 125 c:		
Change in Durometer, pts.	-15 to 0	0
Change in Tensile, %	-40 max.	-2
Change in Elongation, %	-15 max.	-10
Volume Change, %	0 to +15	+4
Fluid Resistance, ASTM D471, Reference Fuel B, 70 hours @ 23 c:		
Change in Durometer, pts.	-5 to 5	+2
Change in Tensile, %	-20 max.	-11
Change in Elongation, %	-15 max.	-1
Volume Change, %	0 to +5	0

PRODUCT INFORMATION:

FFKM “7T01” has been designed for very demanding sealing applications in aggressive chemical environments. FFKM “7T01” resists attack by nearly all chemical reagents, including organic and inorganic acids, alkalines, ketones, esters, alcohols, fuels, and hot water. FFKM “7T01” offers outstanding resistance to high temperature applications to 300°C (572°F).

Kalrez® is a registered trademark of DuPont.



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