



Seals

V4208A90

FLUOROCARBON

TYPICAL PHYSICAL PROPERTIES

HARDNESS, SHORE A	88
MODULUS @ 100% ELONGATION, psi	1440
ULTIMATE TENSILE STRENGTH, psi	2145
ULTIMATE ELONGATION, %	146
SPECIFIC GRAVITY	1.83
COMPRESSION SET 70 HRS @ 302°F, %	12.2
GLASS TRANSITION TEMPERATURE BY DSC, °F	+5
TEMPERATURE RANGE	-5°F TO +400°F

NOTE: THESE ARE TYPICAL VALUES AND SHOULD
NOT BE USED AS SPECIFICATION LIMITS

Compound V4208A90

Test Results

Media	Hardness Change, Pnts.	100% Modulus Change, %	Ultimate Tensile Change, %	Elongation Change, %	Weight Change, %	Volume Change, %
Original	88	1435 psi	1773 psi	131%	-	-
Fuel A	-1	-7	-3	-6	0	+1
Final Value	87	1334	1713	130		
Fuel B	0	-10	-8	+2	+1	+2
Final Value	88	1292	1627	134		
Fuel C	-1	-6	-19	-11	+2	+3
Final Value	87	1343	1436	117		
Methanol	-18		-52	-34	+19	+45
Final Value	70		859	87		
JA Jet Fuel	+1	-9	-9	+8	0	+1
Final Value	89	1299	1755	142		
ASTM #1 Oil	0	-14	-12	-1	0	+1
Final Value	88	1241	1569	130		
IRM 903	0	-15	-5	+11	+1	+1
Final Value	88	1216	1689	146		
MIL-H-5606	-1	-14	-15	+3	+1	+2
Final Value	87	1239	1510	135		
Jet Oil II	-3	-5	-7	-1	+4	+8
Final Value	85	1358	1653	130		
Stauffer 7700	-3	-4	-4	-1	+5	+9
Final Value	85	1373	1709	130		
Rando HD32	+2	-3	-7	-7	0	+1
Final Value	90	1395	1652	122		
Rapeseed Oil	0	-11	-8	-1	0	+1
Final Value	88	1280	1629	130		
Ethylene Glycol	-2	-20	-20	+11	+1	+2
97% Final Value	86	1142	1410	145		
Distilled Water	+2	-10	-10	+4	+2	+3
Final Value	90	1290	1599	136		
Oven Air Age	-1	+2	+6	-2	0	0
Final Value	87	1457	1874	128		

IR

LL-1418



70 Hrs @ Room Temperature



168 Hrs @ 100° C

Warning! Failure, improper selection or improper use of the product and/systems described herein of related items can cause death, personal injury or property damage. This document and other information from Parker Hannifin Corporation, it's subsidiaries and authorized distributors provide product and/or system options for further investigation by user having technical expertise. It is important that you analyze all aspects of your application and review the information concerning the product or system in the current Product catalog. Due to the variety of operating conditions and applications for these products or systems, the user, through his own analysis and testing is solely responsible for making the final selection of the product and systems and assuring that all performance, safety and warning requirements of the application.