

Test data provided by raw material manufacturer or an ISO 17025 registered 3rd party lab.  
Original test data is stored in the Darcoïd Compound Database



4/25/2022

Darcoïd Compound 1144

## COMPOUND DATA SHEET

FVMQ, 70 Shore A

This compound will meet or exceed the specifications listed and has the following physical properties:

ORIGINAL PROPERTIES	TEST METHOD	SPEC	RESULT	EVAL
Hardness, Shore A, pts.	D-2240	70±5	71	PASS
Tensile Strength, psi, min	D-1414	750	854	PASS
Ultimate Elongation, %, min	D-1414	125	249	PASS
Specific Gravity	D-297	-	1.56	-
TR-10, °F max	D-1329	-70	-83	PASS

COMPRESSION SET	TEST METHOD	SPEC	RESULT	EVAL
70 HRS. @ 75±5°F	D-1414			
Over 0.110 inch, % max	D-395	+15	+14	PASS

AIR AGED	TEST METHOD	SPEC	RESULT	EVAL
70 HRS. @ 392±5°F	D-1414			
Hardness Change, pts., max	D-573	-5 to +10	+4	PASS
Tensile Change, %, max		-25	-11	PASS
Elongation Change, %, max		-25	-23	PASS
Weight Loss, % max		2	0	PASS

COMPRESSION SET	TEST METHOD	SPEC	RESULT	EVAL
22 HRS. @ 347±5°F	D-1414			
Over 0.110 inch, % max	D-395	+30	+26	PASS

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OIL AGED AMS3021	TEST METHOD	SPEC	RESULT	EVAL
70 HRS. @ 302±5°F	D-1414			
Hardness Change, Shore A pts.	D-471	±15	-6	PASS
Tensile Strength Change, % max	D-471	-40	-7	PASS
Ultimate Elongation Change, % max	D-471	-25	-4	PASS
Volume Change, %	D-471	+1 to +15	+9	PASS
COMPRESSION SET				
Over 0.110 inch, % max	D-395	+30	+21	PASS

OIL AGED AMS2629 Type 1	TEST METHOD	SPEC	RESULT	EVAL
70 HRS. @ 75±5°F	D-1414			
Hardness Change, Shore A pts.	D-471	-20	-8	PASS
Tensile Strength Change, % max	D-471	-50	-17	PASS
Ultimate Elongation Change, % max	D-471	-40	-14	PASS
Volume Change, %	D-471	+1 to +25	+19	PASS

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