

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



6/27/2022

Darcoïd Compound 1154

## COMPOUND DATA SHEET

NBR, 90 Shore A

This compound will meet or exceed the specifications listed and has the following physical properties:  
ASTM D2000 M3CH910 A25 B14 EO16

Recommended Temperature Range: -30 to 250F

ORIGINAL PROPERTIES	SPEC	RESULT	EVAL
Hardness, Shore A, pts.	90±5	87	PASS
Tensile Strength, Mpa	10	16.1	PASS
Elongation, %	100	142	PASS

HEAT AGE (A25)	SPEC	RESULT	EVAL
70 HRS. @ 125°C			
Hardness Change, pts.	0 to +15	+4	PASS
Tensile Strength Change, %	-25	-13	PASS
Elongation Change, %, max	-50	-42	PASS

COMPRESSION SET (B14)	SPEC	RESULT	EVAL
22 HRS. @ 100°C			
Original Deflection, max	+25	+7	PASS

FLUID IMMERSION, ASTM #1 OIL (EO16)	SPEC	RESULT	EVAL
70 HRS. @ 150°C			
Hardness Change, pts.	0 to +10	+3	PASS
Tensile Strength Change, %	-20	-19	PASS
Elongation Change, %	-40	-32	PASS
Volume Change, %	-15 to +5	-3.1	PASS

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