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

DARCOID
More than a Seal. A Bond.

6/14/2022

Darcoid Compound: 2122

COMPOUND DATA SHEET

EPDM, 80±5 Shore A
Peroxide Cured, Black

ASTM D2000 M2DA814 A26 B36 EA14 F19 Z1 (100% Elongation)

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	D-2240	80±5	82.5	PASS
Tensile Strength, psi, min	D-412	2031	3051	PASS
Ultimate Elongation, %	D-412	100	163	PASS
				--
HEAT RESISTANCE	**TEST METHOD**	**SPEC**	**RESULT**	**EVAL**
A26 70 HR @ 150°C	D-573			
Hardness Change, pts		+10	+2.6	PASS
Tensile Strength Change, %		-20	-9	PASS
Elongation Change, %		-20	-9	PASS
Volume Change, %		--	-0.8	--
COMPRESSION SET	**TEST METHOD**	**SPEC**	**RESULT**	**EVAL**
B36 22 HR @ 150°C, %	D-395 METHOD B	40 max	17	PASS
FLUID RESISTANCE	**TEST METHOD**	**SPEC**	**RESULT**	**EVAL**
EA14 Water, 70 h @ 100°C	D-471			
Hardness Change, pts		--	+0.5	PASS
Tensile Strength Change, %		--	+7	PASS
Elongation Change, %		--	+7	PASS
Volume Change, %		±5	+0.7	PASS
LOW TEMPERATURE	**TEST METHOD**	**SPEC**	**RESULT**	**EVAL**
F19 Brittleness, -55°C, 3 min	D-2137 Method C	PASS	PASS	PASS

950 3rd Street | Oakland, California 94607 | (800) 632-7264

REACH COMPLIANCE RoHS