

DELCO DIAPHRAGM

	V-6013		Santoprene 101-64		Chardon 13312
	Thermo Plastic Nitrile		TPR		EPDM
	<u>Req.</u>	<u>Obtained</u>	<u>Obtained</u>		<u>Obtained</u>
Tensile	2000	2172	775		2320
Elongation	250	333	332		575
Durometer	60.70	68	64		63

Air Age 70 hrs
(257°F/125°C)

Tensile	-20%	-8.3%	No change	-12%
Elongation	-40%	+5.7%	-11.4%	-39%
Durometer	+10 pts	+2	+2	+7 pts

Comp. Set 70 hrs
(212°F/100°C)

	35%	33%	30%	25%
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Ozone

PASS

PASS

PASS

PASS

Tear B

190

179

Tear C

155

152

Compound V-6013

Compound 13312

Ross Flex

Sample #1	899,476
Sample #2	576,000
Average	737,738

<i>275,000</i>	<i>→</i>
<i>360,000</i>	<i>→</i>
<i>317,500</i>	<i>→</i>

CHARDON RUBBER COMPANY

Richard F. Znidarsic
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7/29/88

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