



PHYSICAL PROPERTY REPORT
 MATERIAL REF: N2286(CN2286)

Carboxylated Nitrile, 70 durometer
 Revision date: November 2002

ORIGINAL PROPERTIES

	<u>VALUE</u>
Tensile Strength, (kg-cm2)	148
Elongation, %, ASTMD412	342
Hardness, Shore A, ASTMD2240	68

HEAT RESISTANCE, 70 HRS@100C

Change in tensile, %, ASTMD573	+7
Change in elongation%, ASTMD573	-21
Change in hardness, points, ASTMD2240	+7

COMPRESSION SET, METHOD B

22 HOURS @ 100C

% Set, ASTMD395B (Button)	22
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FLUID RESISTANCE ASTM#1 OIL

70 HOURS @ 100C

Change in hardness, points, ASTMD2240	+7
Change in tensile, %, ASTM D471	+23
Change in elongation, %, ASTM D471	-17
Change in volume, %, ASTM D471	-8

FLUID RESISTANCE ASTM#3 OIL

70 HOURS @ 100C

Change in hardness, points, ASTM D2240	0
Change in tensile, %, ASTM D417	-6
Change in Elongation, %, ASTM D471	-28
Change in volume, %, ASTM D471	+4

MATERIAL MEETS: ASTM D2000 5BG714A14B14EO14EO34