



MATERIAL DATA SHEET

Material ref: N2307

Description: 70 duro HNBR/Green

Meets: ASTM D2000 M3CH714 A26B36EF11EF21EO16EO36

Typical Properties

	Test <u>Method</u>	Unit of <u>Measure</u>	Nominal <u>Value</u>	Obtained <u>Value</u>
Hardness	ASTM D2240	Shore A	70+/-5	71
Tensile Strength	ASTM D412	Mpa	>14	14.1
Ult. Elongation	ASTM D412	%	>250	433
Specific Gravity	ASTM D1817	G/cm3	1.38+/-0.02	1.38
Compression Set 22 hours @ 150C	ASTM 395B	%		31
Heat Resistance 70hrs @ 150C	ASTM D865			
Hardness Change		Shore A		+5
Tensile Change		%		+3
Elong. Change		%		-30
Fuel Resistance Fuel A	ASTM D471 70 hrs @ 23C			
Hardness Change		Shore A		-2
Tensile Change		%		-12
Elong. Change		%		-20
Vol. Change		%		+20
Fuel Resistance Fuel B	ASTM D471 70 hrs @ 23C			
Hardness Change		Shore A		-8
Tensile Change		%		-40
Elong. Change		%		26

DATA DERIVED FROM ASTM SLABS AND BUTTONS