



MATERIAL DATA SHEET

Material ref: E1046

Description: 70 duro Ethylene Propylene/sulfur cure

Typical Properties

Meets: ASTM D2000 M2BA710 A14 B13 C12 F19

	Test <u>Method</u>	Unit of <u>Measure</u>	Nominal <u>Value</u>	Obtained <u>Value</u>
Hardness	ASTM D2240	Shore A	70+/-5	70
Tensile Strength	ASTM D 412C	psi	1450	1750
Ult. Elongation	ASTM D412C	%	>250	339
Modulus, 100%		psi		410
Modulus, 200%		psi		1010
Modulus, 300%		psi		1600
Compression Set 22 hours @ 70C	ASTM 395B	%	<25	12
Air Aging 70 hrs @ 70C	ASTM D573			
Hardness Change		Shore A	<+10	+7
Tensile Change		%	-25 max	+5
Elong. Change		%	-25 max	-21
Ozone Resistance 50 pphm 70 hours @ 40C	ASTM 1171 method D			no crack
Low Temperature Brittleness nonbrittle after 3 min@-55C				Pass

THIS MATERIAL IS FORMULATED FOR USE AS DRIVE BELTS

*DATA IS BASED ON ASTM SLABS AND BUTTONS
NOT FINISHED PARTS*