



MATERIAL DATA SHEET

Material ref: N2252

Description: 80 duro nitrile

Typical Properties

	<u>Test Method</u>	<u>Unit of Measure</u>	<u>Nominal Value</u>	<u>Obtained Value</u>
<u>Hardness</u>	ASTM D2240	Shore A	80 +/-5	78
<u>Tensile Strength</u>	ASTM D412	Mpa	>14	15
<u>Ult. Elongation</u>	ASTM D412	%	>200	250
<u>Specific Gravity</u>	ASTM D1817	G/cm3		1.29+/-0.02
<u>Compression Set</u>				
22hrs @ 100C	ASTM 395B	%	25 max	15
<u>Oil Aging</u>	ASTM D471			
<u>ASTM 1 Oil</u>	70 hrs @ 100C			
Hardness Change		Shore A	-5 to +10	+6
Tensile Change		%	-25 max	+5
Elong. Change		%	-45 max	-15
Vol. Change		%	-10 to +5	-2

All data derived from ASTM test sheets. Results on actual o-rings will differ.