



MATERIAL DATA SHEET

Material ref: N2247L

Description: 70 duro nitrile/**IMPROVED LOW TEMPERATURE RESISTANT**

Typical Performance Properties

	Test Method	Unit of Measure	Nominal Value	Obtained Value
<u>Hardness</u>	ASTM D2240	Shore A	70+/-5	68
<u>Tensile Strength</u>	ASTM D412	N/mm2	12 min	17
<u>Ult. Elongation</u>	ASTM D412	%	250 min.	315
<u>Specific Gravity</u>	ASTM D1817	G/cm3	1.22+/-0.03	1.230
<u>Tear Resistance</u>	ASTM D624	N/mm	35 min	45
<u>Compression Set</u> 22hrs @ 125C	ASTM 395B	%	30 max	28
<u>Modulus 100%</u>	ASTM D 412 C	Mpa		4.5
<u>Low Temperature Testing</u>				
Glass Transition Temperature	DIN 53545/90	Degrees C		-47.34
TR10	ASTM D1329	Degrees C		-42
TR20	ASTM D1329	Degrees C		-39
TR30	ASTM D1329	Degrees C		-36
TR40	ASTM D1329	Degrees C		-34
TR50	ASTM D1329	Degrees C		-32
TR70	ASTM D1329	Degrees C		-26

DATA IS DERIVED FROM ASTM SLABS AND BUTTONS