


NBR/305				 - Part of Diploma PLC
Material Data Sheet	Compound	N7001F	Rev.0	
	Designation	NBR	Jul. 2013	

Material type: Nitrile Butadiene Rubber 70 Shore A.
Complies with the requirements of FDA CFR21:177.2600.



Color: Black or Green
Temperature Range: Min. -30°C Max. +100°C
Storage recommendation: According to ISO 2230

Physical Properties	Unit	Test method	Value
Hardness, Shore A	pts	D2240	70 +/-5
Tensile strength	MPa	D412	>14
Ultimate Elongation	%	D412	>250
Specific gravity		D297	1,24
Heat Resistance, 70h at 100°C			
Change in Hardness	pts	D573	3
Change in Tensile strength	%	D573	-10
Change in Ultimate Elongation	%	D573	-13
Compression set, Method B			
22h at 100°C	%	D395	<25
Fluid Resistance, IRM901 oil C, 70h at 100°C			
Change in Hardness	pts	D471	6
Change in Tensile strength	%	D471	-12
Change in Ultimate Elongation	%	D471	-20

The results given in this datasheet are obtained on standard specimen following standard test procedures and are not comparable to finished products due to differences in the products profile. It is the customer's responsibility to evaluate parts prior to use in order to assure that parts will perform satisfactorily in their application.