

NBR/305

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.

FDA

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