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# Specification Sheet / OI A302 (M) White Food Quality Commercial Grade Nitrile



Properties	Value	Test Method	Unit
To specification	Commercial		
Colour	White		
Basic Polymer Type	SBR/NBR		
Indentation Hardness	60 Shore A -4 +5	ASTM D2240 00	Degrees
Specific Gravity	1.5 ± 0.05	ASTM D792	g/cm <sup>3</sup>
Tensile Strength - Minimum	8	ASTM D412	Mpa
Elongation @ Break - Minimum	350	ASTM D412	%
Minimum Continuous Working Temperature	-25		°C
Maximum Continuous Working Temperature	70		°C
Maximum Intermittent Working Temperature	90		°C
Compression Set 70° 22h	0	ASTM D395 Method B	%
Insertion Type	Special order for insertion		

Guidelines for use	
Food Use	Excellent
Abrasion Resistance	Moderate
Ozone Weather Resistance	Moderate
Flame Retardency	Not recommended
Electrical Resistance	Not recommended
General Purpose	Not recommended

The component parts used and maximum levels in compound mixtures are in accordance with FDA (Food and Drug Administration - Department of Health and Human Services) part 177 - indirect food additives section 177.2600 - rubber articles for repeated use.

Change Control Date	Change
02/08/2013	Created



The above figures are average values.  
We recommend that you examine any material you select to ensure its suitability for your application.  
Tolerance(s) applied in accordance with ASG specification No WI007 (<http://goo.gl/mc0862>) unless otherwise stated.  
Our standard terms and conditions of trading (<http://goo.gl/zjcfRi>) apply at all times.

