

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



Certificate Ref: 3621  
ISO 9001

Properties	Value	Test Method	Unit
Colour	Black		
To specification	Commercial		
Basic Polymer Type	SBR/NBR Blend		
Shore Hardness (Shore A)	65 ° Shore +/-5°	ASTM D2240 00	degrees
Specific Gravity	1.5 g/cm 3 +/-0.05	ASTM D792	g/cm <sup>3</sup>
Tensile Strength - Minimum	3 MPA Minimum	ASTM D412	MPA
Elongation @ Break	250 % Minimum	ASTM D412	%
Minimum Continuous Working Temperature	-20 °C Minimum		°C
Maximum Continuous Working Temperature	70 °C Maximum		°C
Maximum Intermittent Working Temperature	90 °C Short Bursts Only		°C
Compression Set 70° 22h	35% Max	ASTM D395 Method B	%
Insertion Type	Special order for insertion		

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

Change Control Date	Change
31/07/2013	Created
10/10/2018	Amended



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.

