

# MC336 Nitrile 75 Shore FDA Metal Detectable /X-ray Detectable

## ASTM D 2000 M2BG 710 B14 EO34

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### Material

Nitrile 75 Shore FDA Metal Detectable/X-ray Detectable  
ASTM D 2000 M2BG 710 B14 EO34

### Description

- NBR Acrylonitrile-butadiene-rubber
- ACN content is 33%
- FDA Compliant to CFR 21 177-2600
- Cure system is Sulphur
- Blue in colour

### Application

This material has excellent resistance to aliphatic hydrocarbons (eg propane, butane and petroleum), mineral oils, greases, vegetable & animal oils, heating oil and diesel fuel.

This compound can be detected by metal detectors and X-ray detectors.

### Temperature

- Low temperature service limit -22°F (-30°C)
- Upper temperature continuous service limit +248°F (+120°C)

### Products

- Mouldings (custom/O rings)



### Physical Properties

Original	Standard	Typical Values
Specific Gravity	ASTM D1817	1.58
Durometer shore A (slab)	ASTM D2240	73
Elongation % (Dumbbell)	ASTM D412	530
Tensile strength Psi (MPa) (Dumbbell)	ASTM D412	1624 (11.2)
Compression set % 22h @ 158°F (70°C) (slab)	ASTM D395B	31

### Information

The above information corresponds to our current knowledge and is offered solely to provide possible suggestions for your own experimentations. It is not intended to substitute any testing you may need to conduct to determine suitability of our products for your end use. Northern Engineering reserves the right to revise this information as new knowledge and experience becomes available. Northern Engineering makes no warranties and assumes no liability in connection with any use of the above information.



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