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SEALING ELEMENTS

NBR 60-compound 366312 blue - Technical Data Sheet

1. Introduction

NBR 366312-compound has excellent resistance to vegetable and animal oils. FDA compliant to CFR 21 177-2600. This compound can be detected by metal detectors. This compound is 3A compliant.

2. Product Description

Chemical Composition :		NBR Acrylonitrile-butadiene rubber with 33% ACN content.		
		Cure system is Sulphur		
Physical form	:	Mouldings / O-rings		
Colour	:	Blue		
* : Following ISO 223	0 cond	litions		



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3. Physical Properties

Test Method	Norm	Test Values
Speciific Weight	ISO 2781	1,47
Hardness	ISO 868	60 Shore A
Elongation	ISO 37	554 %
Tensile Strength	ISO 37	6,3 MPa
Compression Set 22h/70°C on slab	ISO 815	17,4 %
Heat Ageing 70h/100°C	ISO 188	
Hardness change		+11 Shore A
Elongation change		-496 %
Tensile strength change		0,0 Psi
Weight loss		0,3%
Fluid Immersion ASTM 3, 70h/100°C	ISO 1817	
Volume change		+16,0 %
Hardness change		-11 Shore A
Elongation change		-137 %
Tensile Strength change		-1,4 Psi



Animal Derived Ingredient

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4. Temperature Resistance

• -30° to +120°C

5. Advantages

Metal detectable

This information is, to the best of our knowledge, accurate and reliable to the date indicated. The above mentioned data have been obtained by tests we consider as reliable. We don't assure that the same results can be obtained in other laboratories, using different conditions by the preparation and evaluation of the samples.