

## NBR 70-compound 366010 grey - Technical Data Sheet

### 1. Introduction

NBR 70-compound 366010 is a Nitrile compound, designed for the food industry and in conformity with FDA 21 CFR 177.2600.

### 2. Product Description

Chemical Composition	: Acrylonitrile / Butadiene Rubber
Physical form	: O-Rings / Mouldings
Colour	: Grey RAL 7046
Storage stability *	: ± 7 years

\* : Following ISO 2230 conditions

### 3. Physical Properties

Test Method	Norm	Test Values
Hardness	ISO 868	70° ± 5° Shore A
Specific Weight	ISO 2781	1,40
Tensile Strength at break	ISO 37	121 kg/cm <sup>3</sup>
Elongation at break	ISO 37	221%
Tear resistance	ISO 34-1	36 kg/cm
Modul	ISO 37	
100%		67 kg/cm <sup>2</sup>
200%		116 kg/cm <sup>2</sup>

### 4. Temperature Resistance

- -30° to +120°C

### 6. Advantages

- Very low compression set
- Grey RAL 7046

### 5. Chemical Resistance

Alkali	: very good
Air	: excellent
Alcohol	: very good
Fats	: excellent
Mineral oils	: excellent
Silicone oils	: excellent
Vegetable oils	: excellent
Inorganic acids	: very good
Organic acids	: good
Ketones	: unsatisfactory
Ethers	: unsatisfactory

### 7. Other Information

- Other colours available on request.
- This compound is ADI (Animal Derived Ingredient Free).

