FRIKS

Animal Derived Ingredient

free

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 CRF 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 | - , - | |
| Tensile Strength at break | ISO 37 121 kg/cm ³ | | |
| Elongation at break | ISO 37 | 221% | |
| Tear resistance | ISO 34-1 | 36 kg/cm | |
| Modul 100% | ISO 37 | 67 kg/cm ² | |
| 200% Ph D | | 116 kg/cm ² | |
| | | | |

4. Temperature Resistance

6. Advantages

- Very low compression set
- Grey RAL 7046

5. Chemical Resistance

very good

excellent

very good

excellent excellent excellent very good good

unsatisfactory unsatisfactory

-30° to +120°C

| Alkali | : | | |
|-----------------|---|--|--|
| Air | : | | |
| Alcohol | : | | |
| Fats | : | | |
| Mineral oils | : | | |
| Silicone oils | | | |
| Vegetable oils | | | |
| Inorganic acids | | | |
| Organic acids | | | |
| Ketones | | | |
| Ethers | | | |
| | | | |

7. Other Information

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

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.

01.09.2006