



## Compound C311 – (xx)

### POLYMER TYPE: Acrylonitrile Butadiene (Nitrile) – Metal Detectable

#### Physical Properties

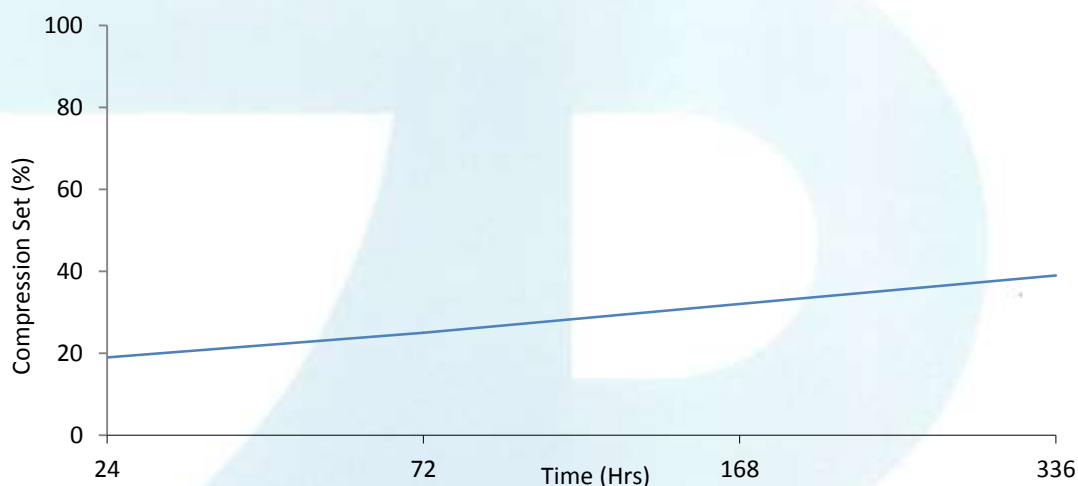
Property	Test Method	Units	Typical Values
COLOUR			Light Blue
HARDNESS	ISO 48	°IRHD	70
TENSILE STRENGTH	ISO 37	MPa	8.59
MODULUS @ 100%	ISO 37	MPa	2.71
ELONGATION @ BREAK	ISO 37	%	223
TEAR STRENGTH	ISO 34	N/mm	17.2
SPECIFIC GRAVITY	ISO 2781	g/cm3	1.39

#### Description

A blue Acrylonitrile Butadiene compound that is metal detectable. The material is suitable for a wide range of industrial applications, particularly that of food production. This material is tested to the requirements of FDA 21 CFR 177-2600 (f) for use with aqueous and fatty foods. **Service Temperature is -25°C (-13°F) to +125°C (+212°F)**

#### Compression Set

Typical Compression Set Values in Air @ 175°C Under 25% Strain (ISO 815)



These properties should not be regarded as specifications, but only as typical properties of the material described. It is intended for use by persons having technical skills and understanding of the seal and gasket design. Since the conditions of use are outside our control, nor have we designed the product shape, we can make no warranties, express or implied and assume no liability in connection with any use of this information. Since development and improvement of compounds is a continuing process, Gapi reserves the right to modify their composition and characteristics. Uncontrolled Copy.