

General Information

Donaueschingen, 11.03.15

NBR

Name: Acrylonitril butadien rubber

Applications:

NBR vulcanizates have many applications:

- oil and fuel resistant seals, molded, stopper, membranes, hoses, hinges, coated containers for the automotive industry, oil producing plants, aircraft and shipbuilding
- grease and oil resistant products for contact with food such as seals, cooker rings, hoses, conveyors
- hoses, blankets, cliché rubber, wiper for the printing industry
- seals and hoses for gas supply
- tubes for refrigeration and air conditioning equipment
- Insulation against the cold

Resistance:

Resistant to hydraulic oils, water glycols and oil in water emulsions, mineral oils and mineral oil products, animal and vegetable oils, petrol, heating oil, water about 70 °C, air up to 90 °C, butane, propane, methane, ethane, HFA-, HFB- and HFC-fluids

The general resistance for chlorinated hydrocarbons is described in the literature with a low to strong effect (volume swelling between 5 – 20%).

Laboratory
(i. A. Franziska Heinzmann)

The data come from the literature and are only indicative. The use of rubber in different media, temperatures and applications can be found binding only after an individual examination for purpose product.