

DECLARATION OF CONFORMITY

MOVET NBR BLUE FDA

ACRYL-NITRILE-BUTADIENE-RUBBER

Name:	MOVET NBR Blue FDA
Base polymer::	Copolymer, based on butadiene and acrylonitrile
Colour:	blue
Hardness (Shore A):	80 ± 5
Density (g/cm3):	1,23 ± 0,03

This material complies with the requirements of the following regulations concerning materials and articles intended to come into contact with food:

- Regulation (EC) No. 1935/2004
- Regulation (EC) No. 2023/2006 (GMP – Good Manufacturing Practice)

The materials and applications listed are included in Article 5, Annex I of the above-mentioned regulations. Therefore, they are not new and are not considered „active“ or „intelligent“ materials or substances. No application will be submitted for new substances under Articles 8 and 23 of the regulation.

In accordance with Article 16 of Regulation (EC) No. 1935/2004, we declare that the mentioned material complies with the requirements of the regulation, and we are able to provide the relevant documentation as evidence.

We confirm that the above-mentioned materials comply with Regulation (EC) No. 1935/2004 and, under normal or reasonably foreseeable conditions of use, do not transfer their constituents to food in quantities that could endanger human health or bring about an unacceptable change in the composition or deterioration in the organoleptic characteristics of the food.

To demonstrate compliance with Regulation (EC) No. 1935/2004, FDA 177.2600 A–D has been used. These compounds have been manufactured in accordance with the principles of Good Manufacturing Practice, as laid down in Regulation (EC) No. 2023/2006.

HADI GmbH

Revision: 08/2019

The referenced standards correspond to the version stated in the data sheet of our raw material supplier. All data provided are average values. Our recommendations are given to the best of our knowledge. However, they are non-binding and exclude any liability for damages or disadvantages of any kind, including those related to third-party property rights. They do not exempt the purchaser from conducting their own tests and assessments.

The information provided above is given to the best of our knowledge but is considered a non-binding advisory note. It does not relieve you of the responsibility to verify the suitability of the products we deliver for your intended processes and purposes. The application, use, and processing of the products take place beyond our control and are therefore solely your responsibility. Should any liability nevertheless arise, it shall be limited to the value of the goods delivered and used by you. This declaration is not subject to updates or revisions.

FDA CONFIRMATION

MOVET NBR BLUE FDA

ACRYL-NITRILE-BUTADIENE-RUBBER

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Base polymer::	Copolymer, based on butadiene and acrylonitrile
Colour:	blue
Hardness (Shore A):	80 ± 5
Density (g/cm3):	1,23 ± 0,03
Composition complies with:	the Positive List according to § 177.2600, CFR 21, „Rubber Articles Intended for Repeated Use“ of the U.S. Food and Drug Administration (FDA).

In accordance with the stated requirements, the products must be thoroughly cleaned prior to use.

TSE CONFIRMATION

MOVET NBR BLUE FDA

ACRYL-NITRILE-BUTADIENE-RUBBER

Name:	MOVET NBR Blue FDA
Base polymer::	Copolymer, based on butadiene and acrylonitrile
Colour:	blue
Hardness (Shore A):	80 ± 5
Density (g/cm3):	1,23 ± 0,03
Composition complies with:	The TSE Guideline EMEA/410/01 of the European Union.

TECHNICAL DATA SHEET

MOVET NBR BLUE FDA

ACRYL-NITRILE-BUTADIENE-RUBBER

Mechanical, physical and thermal properties:

PROPERTIES	CONDITION	NORM	UNIT		UNIT	
Colour				blue		blue
Hardness	23 °C/3 sek.	ISO 868	Shore A	80 ± 5	Shore A	80 ± 5
Hardness	23 °C/1 sek.	ISO 868	Shore A	78 ± 5	Shore A	78 ± 5
Modulus 100%	23 °C	DIN 53 504	MPa	≥ 4	psi	≥ 580
Tear resistance	23 °C	DIN 53 504	MPa	≥ 7	psi	≥ 1015
Elongation at break	23 °C	DIN 53 504	%	≥ 180	%	≥ 180
Tear propagation resistance	23 °C	DIN ISO 34-1	kN/m	≥ 41	lbf/inch	≥ 234
Specific gravity	23 °C	ISO 1183	kg/m ³	1230	g/cm ³	1,23
Rebound resilience	23 °C	DIN 53 512	%		%	
Abrasion	23 °C	DIN 53 516	mm ³	248	mm ³	248
Compression set	*	ISO 815	%	≤ 13	mm ³	≤ 13
Compression set	**	ISO 815	%		%	
Compression set	***	ISO 815	%		%	
Lower application temperature			°C	-30	°F	-22
Upper application temperature			°C	100	°F	212
Upper application temperature with steam			°C		°F	
Upper application temperature hot air, short term			°C		°F	

* 24h 70°C 25% def. | ** 24h 100°C 25% def.

Chemical properties

Material: Copolymer, based on butadiene and acrylonitrile

Resistant to: Oil, petrol, crude oil

Not resistant to: concentrated acids, concentrated alkalis, and polar solvents.

HADI GmbH

Revision: 08/2018

Standard references correspond to the issue status of our raw material supplier's data sheet. All data are average values. Our recommendations are made to the best of our knowledge. However, they are non-binding and exclude any liability for damages and disadvantages of any kind, including those relating to third-party property rights. They do not exempt the purchaser from carrying out his own tests and inspections.

We provide the above information to the best of our knowledge. However, it is only intended as non-binding information and does not release you from your obligation to test the products supplied by us for their suitability for the intended processes and purposes. The application, use and processing of the products are beyond our control and are therefore exclusively your responsibility. Should liability nevertheless arise, this is limited to the value of the goods supplied by us and used by you. This notification is not subject to the amendment service.