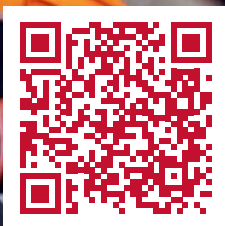


Intermediates



 **BASF**

We create chemistry

Basionics

High-performance antistatic additives

The extra for polyurethanes

At BASF, we create chemistry – and have been doing so for 150 years. Our portfolio ranges from chemicals, plastics, performance products and crop protection products to oil and gas. As the world’s leading chemical company, we combine economic success with environmental protection and social responsibility. Through science and innovation, we enable our customers in nearly every industry to meet the current and future needs of society. Our products and solutions contribute to conserving resources, ensuring nutrition and improving quality of life. We have summed up this contribution in our corporate purpose: We create chemistry for a sustainable future. Our ambition is to be the preferred chemical company to enable our customers’ green transformation.

About BASF Intermediates

BASF’s Intermediates division is a global leader in the development, manufacture and marketing of sustainable chemical intermediates. With more than 600 products in our portfolio, particularly amines, diols, polyalcohols, acids and specialties, we offer innovative solutions for a wide range of industries, from coatings and plastics to pharmaceuticals and crop protection. Our intermediates can improve the properties of end products and increase the efficiency of production processes, and can in addition enable our customers to achieve their sustainability goals. As an ISO 9001 certified division, we operate a global network of production sites in Europe, Asia and North America.



Basionics
Properties that translate
into your benefits

Ionic liquids – fascinating materials with a unique set of properties

- Liquid at < 100 °C
- Broad liquid range
- Virtually no vapor pressure
- Non-flammable
- Excellent thermal, mechanical and electrochemical stability
- Electrical conductivity

Our offer

- Outstanding additives that provide antistatic properties to a wide range of polyurethanes
- Customized solutions to meet specific customer needs
- Supported by BASF Product Stewardship and Logistics

Broad Basionics Portfolio

- BASF’s Basionics ionic liquids offers a variety of properties.
- The main focus are imidazolium cations with a range of different anions.

Basionics™	Product name	CAS-No.
Basionics LQ 01	1-Ethyl-3-methyl imidazolium ethylsulfate	342573-75-5
Basionics VS 03	1-Ethyl-3-methyl imidazolium dicyanamide	370865-89-7



Opportunities in many different applications: Basionics for polyurethanes are used for example in flexible packaging foams, PU safety shoes and engineering parts like rollers.



High efficiency

The ionic structures and excellent charge transfer properties are the key to superior efficiency.

Easy applicability

Being low-viscosity liquids, Basionics can be used over a wide temperature range.

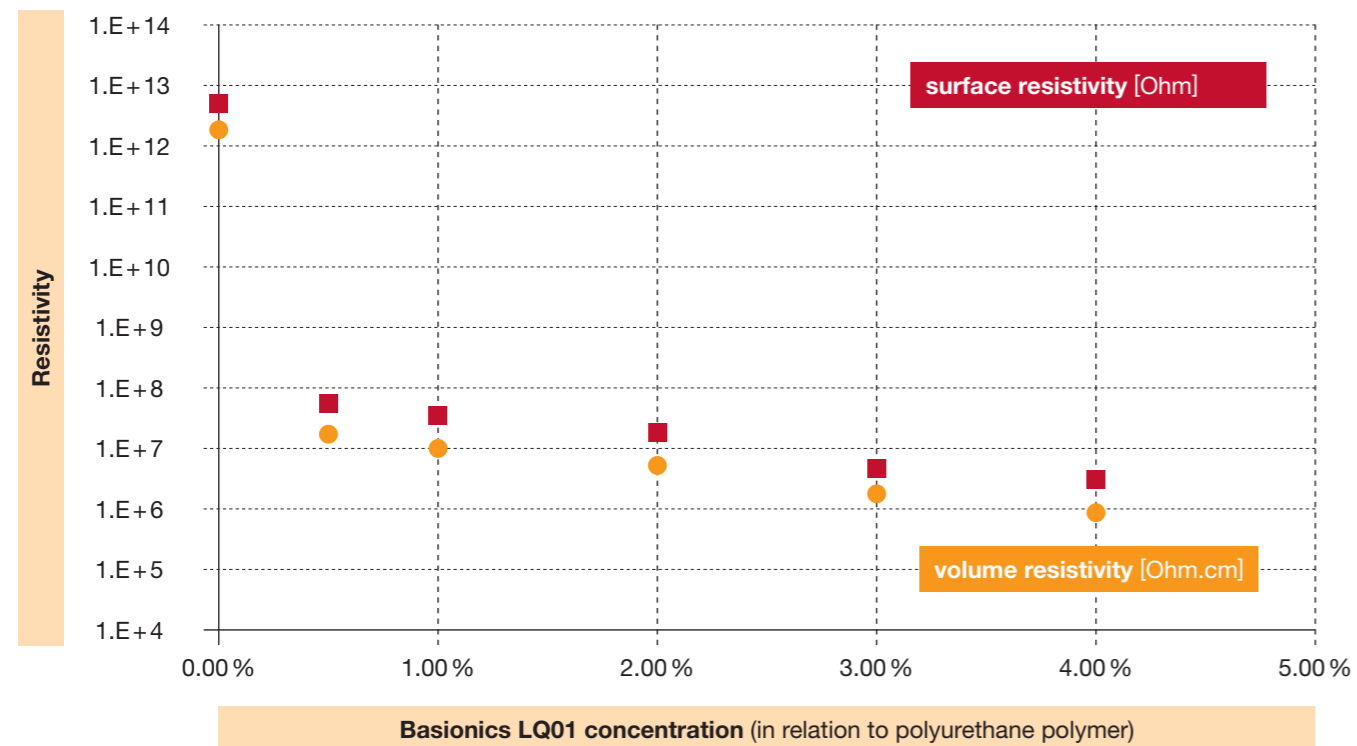
Excellent permanence

Basionics distribute excellently in the bulk material for a long-lasting antistatic effect.

Basionics Performance and Efficiency

Electrostatic dissipative and conductive ranges for polyurethanes

Polyurethanes are used in many applications in which antistatic properties are essential for the product performance. The choice of a proper Basionics product provides the possibility to reach resistivities even in the conductive range at a concentration below 6 wt%.



- Basionics are classical antistatic additives with long-lasting performance.
- Just a minor dose in the PU can effectively achieve antistatic behavior.
- Higher concentrations of Basionics allow resistivities up to the conductive range.

Ease of handling

Basionics are non-toxic additives that are easy to dose and eliminate the need for solids or powder handling.

Colorability for final PU

The transparent coloring of Basionics allows design freedom.

Broad market access

Selected products* are compliant with FDA regulations, ready for use in food contact applications.

*for Basionics LQ 01 in combination with polymers in compliance with sections 21 CFR 177.1680 and 177.2600

Basionics

High-performance antistatic additives
The extra for polyurethanes

Your benefits:

- Globally available high-performance antistatic additives
- Supply reliability



<https://chemicals.basf.com/global/en/Intermediates>

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