

# Aquivion® D79-25BS-Li

Perfluorosulfonic Acid Lithium Salt

Solvay Specialty Polymers

## Описание материалов:

Aquivion® D79-25BS-Li is a chemically-stabilized (denoted by the S-suffix) perfluorosulfonic acid (PFSA) lithium salt dispersion that exhibits an Equivalent Weight (EW) of 790 g/eq. Polymer concentration is 25 percent. Solvent system is >99% water and is free of ethers.

Aquivion® PFSA lithium salt dispersion is based on the unique Short Side Chain copolymer of Tetrafluoroethylene (TFE) and Sulfonyl Fluoride Vinyl Ether (SFVE) F2C=CF-O-CF2CF2-SO2F produced by Solvay. The resulting perfluoropolymer's functional groups are in their lithium sulfonate form, (-SO3Li).

Once formulated with solvents, Aquivion® D79-25BS-Li can be used for the preparation of cast films or coatings on various substrates. Formulations with volatile and non-volatile additives can be used to make components for electrochemical devices.

Please visit [Aquivion.com](http://Aquivion.com) for more information.

Главная Информация			
Физический	Номинальное значение	Единица измерения	Метод испытания
HSE/классификация перевозки	Corrosive		
Эквивалент (EW) <sup>1</sup>	770 - 810	g/eq	Internal method
Концентрация полимера	25	%	TGA
Плотность (25°C)	1.150	g/cm <sup>3</sup>	ASTM D1475
Вязкость <sup>2</sup> (< 25°C)		mPa·s	ASTM D2196
Воспламеняемость-В условиях окружающей среды	No		
Емкость ионного обмена	1.23 - 1.30	meq/g	
Дополнительная информация	Номинальное значение	Единица измерения	

## HEALTH, SAFETY AND ENVIRONMENT

Aquivion® D79-25BS-Li is not harmful if used and handled according to standard processing procedures (see for example the "Guide to the Safe Handling of Fluoropolymer Resins" issued by the Society of the Plastics Industry). If handled improperly (e.g. overheating above 260°C (500°F) for an extended period of time) the dispersion may release harmful toxic chemicals. Please refer to corresponding Material Safety Data Sheets (SDS) for more information on handling and safety.

## PACKAGING, SHIPMENT AND STORAGE

Aquivion® PFSA D79-25BS-Li is available in 5 and 60 liter containers. It is recommended to store the product at 25 °C (77 °F) in a clean temperature-controlled and well ventilated environment, protected from direct sunlight and other sources of heat or irradiation. Containers should be kept tightly closed to avoid solvent evaporation.

## NOTE

- eq = mol SO3H
- Dynamic mechanical spectrometer rheometer RFS III geometry:  
Couette mode: steady speed scan  
test value: 40 1 / s

\* Отказ от ответственности: Информация на этой странице предоставлена производителем, и поставщик документа не несет никакой юридической ответственности. Все права защищены. Пожалуйста, немедленно свяжитесь с нами в случае каких-либо нарушений.

Свяжитесь с нами

## Susheng Import & Export Trading Co.,Ltd.

Телефон: +86-021-58958519

Мобильный телефон: +86-13424755533

Email: sales@su-jiao.com

Адрес: Господин Чжао

Район Фэнсянь, Шанхай, Китай

