

fumion[®] FAA-3 solution in NMP (10%)

fumion [®] solution		FAA-3
ionomer type		anion exchange ionomer
polymer type		polyaromatic polymer
appearance / colour		brown, transparent solution
solvent		<i>N</i> -methyl-2-pyrrolidone (NMP)
concentration ¹⁾	wt%	8 - 12
solution viscosity at 25 °C	mPa s	< 20
functional group		quaternary ammonium group
counter ion		bromide (Br ⁻)
boiling point of NMP	°C	203
additive (defoamer, wetting, anti-cratering)	%	optional

1) determined by drying at T = 80 °C for 24 hrs.

Samples are identified by type and identification number (Lot Number). Please refer to this type and identification number in case of queries.

Delivery and Handling

Keep solution package closed / sealed when unused. Open only for direct use and process immediately after opening. Store and handle in a clean and dust-free area.

Always wear protective gloves and safety goggles when handling the solution. The fumion[®] solution contains NMP and a polyaromatic polymer with quaternary ammonium functional groups (counter ion bromide).

Shake before use. Admixture of alcohol or water to the fumion[®] solution may precipitate the ionomer. However, diluting the solution with polar organic solvents such as NMP, DMAc and DMF is feasible without precipitation.

Recommended storage conditions: Store in delivery containers (closed), avoid direct exposure to sunlight and humidity. Storage temperature for long term storage: 5 °C (keep cool), short term storage for some weeks at 15 - 35 °C possible. Expected shelf life: A shelf life of 4 months at 25 °C (solution tends to gelation).

If you have any concerns about storage, chemical stability and pretreatment before proceeding, please feel free to contact us for further information.

Note: The data are not measured directly on the item supplied. The data sheet does not release the customer of the necessity of a goods inwards control procedure. All information included in this data sheet is based on tests and data believed to be reliable. The data do not imply any warranty or performance guarantee. It is the user's responsibility to examine performance, suitability and durability of the product. FUMATECH BWT GmbH does not assume any liability for patent infringement resulting from the use of this product.

Contact us for any questions or sales information:

Email: sales@fuelcellstore.com

Phone: 979 703-1925

Website: www.fuelcellstore.com