

Solvay Specialty Polymers Aquivion® D83-24B Tetrafluoroethylene + SFVE (TFE+SFVE)

Category : Polymer , Thermoplastic , Fluoropolymer

Material Notes:

Aquivion® PFSA dispersions are based on the unique Short Side Chain (SSC) copolymer of Tetrafluoroethylene and a Sulfonyl Fluoride Vinyl Ether (SFVE) $F_2C=CF-O-CF_2CF_2-SO_2F$. The PFSA ionomer dispersions contain its acid form (R-SO₃H) and are available in various solvent systems, EWs and concentrations. Aquivion® PFSA dispersions can be used for the production of PEM fuel cell electrodes, electrochemical cell electrodes, manufacture or repair of ion exchange membranes, super-acid catalyst production or surface treatment of PTFE membranes to improve wetting behavior. Additional Properties: Density - Internal Method (25°C): 1.140 g/cm³; Equivalent Weight (EW) - Internal Method 810 to 850 g/eq; Flammability - No; HSE/Transport Classification - Corrosive; Polymer Concentration - TGA 24 %; Solvent System - >99 % Water, free of ethers; Solvent Water Content - > 99 %; Total Acid Capacity - Internal Method 1.17 to 1.23 meq/g; Viscosity - (25°C): 5 to 15 mPa·s. Information provided by Solvay Specialty Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Aquivion-D83-24B-Tetrafluoroethylene-SFVE-TFESFVE.php

Descriptive Properties	Value	Comments
Availability	Asia Pacific	
	Europe	
	North America	

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