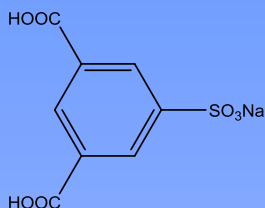


# Product Literature



## FUTURECHEM<sup>®</sup> SSIPA

### 5-Sodiosulfoisophthalic Acid

#### Product Description:

FutureChem<sup>®</sup> SSIPA is a high melting, water-soluble white solid used as an additive in polyester and polyamide applications.

#### Applications:

- Monomer for Waterborne Polyesters
- Monomer for Nylon Fibers
- Amine Free Polyurethane Dispersions
- Adhesion Aid for Magnetic Tapes

#### Availability:

- 100 kg Fiber Drums
- 250 kg Bulk Bags
- 400 kg Bulk Bags
- 600 kg Bulk Bags
- 1000 kg Bulk Bags

#### For More Information:

FutureFuel Chemical Company  
Attention: Customer Service  
P.O. Box 2357  
2800 Gap Road  
Batesville, Arkansas 72503  
Telephone (870) 698-3000  
Fax (870) 698-3095  
<http://www.futurefuelcorporation.com>

#### Physical Properties

Property, Unit	Value
Formula	C <sub>8</sub> H <sub>5</sub> NaO <sub>7</sub> S
Molecular Weight, g/mol	268.17
CAS Number	[6362-79-4]
Appearance	Free flowing crystalline solid
Color	White to off-white
Odor	Essentially odorless
Melting Point, °C	373 to 375
Absorptivity @ 450 nm, mL/g cm	0.4
pH , 10% aqueous solution	2
Water, %	1.5
Water Solubility @ 24°C, g/100 g solvent	380

#### Typical Specifications

*(Data is representative of average lots; data taken from specific lots may vary.)*

Assay, %	≥98.0
Neutralization Equivalent	132.5 to 136.5
Sodium sulfate, %	≤0.30
Sodium chloride, %	≤0.01
Acidity, % as H <sub>2</sub> SO <sub>4</sub>	≤0.20
Iron, ppm	≤4.0
Water, %	≤1.5
Absorptivity @ 450 nm, mL/g cm (5% in water)	≤0.40
Water insolubles, %	≤0.015
APHA Color, 5% in water	≤15
Solubility @ 25°C, 5% in water	Water white, no insolubles

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