



**FUTURECHEM<sup>®</sup> SSIPA**

**5-Sodiosulfoisophthalic Acid**

**Formula:**  
**C<sub>8</sub>H<sub>5</sub>NaO<sub>7</sub>S**

**Molecular Weight:**  
**268.17**

**CAS Number:**  
**[6362-79-4]**

**Typical Physical Properties**

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

|                                |                                |   |                      |
|--------------------------------|--------------------------------|---|----------------------|
| Appearance                     | Free flowing crystalline solid | Odor                                      | Essentially odorless |
| Color                          | White to off-white             | pH , 10% aqueous solution                 | 2.0                  |
| Melting Point, °C              | 373 to 375                     | Water, %                                  | 1.5                  |
| Absorptivity @ 450 nm, mL/g cm | 0.4                            | Water Solubility @ 24°C (g/100 g solvent) | 380                  |

**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

**Sales Specifications**

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

**For Information and Ordering**



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