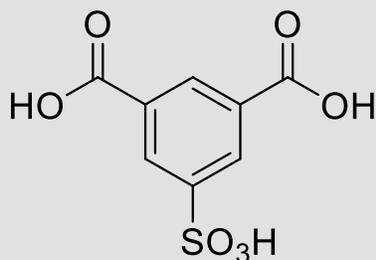


FutureChem[®] HSIPA

5-Sulfoisophthalic Acid



Product Description:

FutureChem[®] HSIPA is a water-soluble sulfonic acid. The electron-withdrawing nature of the two carboxylic acid moieties provide for an extremely strong sulfonic acid. The lack of a cation leads to metal-free polymerization products.

Applications:

- Monomer for Waterborne Polyesters and Nylon Fibers
- Acid Catalyst
- Precursor to Polymer Additive Salts

Product Availability:

- 90 kg Drums
- 500 kg Bulk Bags

Property, Unit	Value
Formula	C ₈ H ₆ O ₇ S
Molecular Weight, g/mol	245.71
CAS Number	[22326-31-4]
Appearance	White to off-white
Melting Point, °C (DSC)	> 197
pH, 10% Aqueous Solution	< 1.2
Water Solubility @ 24°C, g/100g Water	> 100

Specifications:

Property, Unit	Value
Assay	≥ 91.5
APHA Color	≤ 20
Water, %	≤ 8.0
Acidity, ppm as H ₂ SO ₄	≤ 4000
Iron, ppm	≤ 2
Acetic Acid, ppm	≤ 2000
Isophthalic Acid (Water Insoluble Method), ppm	≤ 150

For More Information:

FutureFuel Chemical Company

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