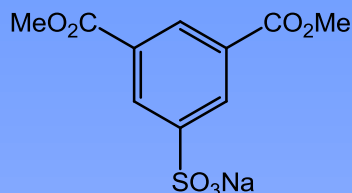


Product Literature



FUTURECHEM[®] DM SIP

Standard Grade

Dimethyl-5-Sulfoisophthalate Sodium Salt

Product Description:

FutureChem[®] DM SIP is the dimethyl ester of 5-sodiosulfo isophthalic acid. It is used in polyester fiber and film applications to improve the dyeing ability of polyester fibers with cationic dyes. The Standard Grade product is characterized by moderate water content, moderate total acid number, and good color.

Applications:

- Monomer for Waterborne Polyesters
- Monomer for Nylon Fibers

Availability:

- 100 kg Drums
- 600 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 ₁₀ H ₉ NaO ₇ S
Molecular Weight, g/mol	296.22
CAS Number	[3965-55-7]
Appearance	White Powder
Melting Point, °C (DSC)	>300

Typical Specifications

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

Saponification Value, KOH mg/g	375 — 383
Sodium Sulfate, ppm	≤60
APHA Color	≤30
Water, %	≤1.0
Total Acid Number, KOH mg/g	≤1.5
Iron, ppm	≤10

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