



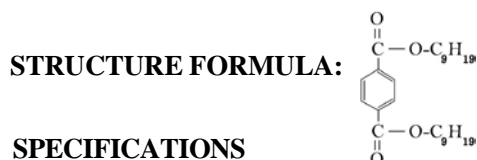
TECHNICAL DATA SHEET

NAME OF COMMODITY: DI-ISONONYL TEREPHTHALATE

CAS NO.: 59802-05-0

MOLECULAR FORMULA: C₂₆H₄₂O₄

MOLECULAR WEIGHT: 419



SPECIFICATIONS

| ITEMS | VALUE |
|---------------------------------|-------------------------|
| Ester Content % | 99.5 Min |
| Color (Apha) | 25 Max |
| Moisture % | 0.05 Max |
| Heating Loss (122-128°C*3hrs) % | 0.1 Max |
| Acid Value (mgKOH/g) | 0.05 MAX |
| Specific Gravity (20/20°C) | 0.974-0.980 |
| Refractive Index (25°C) | 1.485-1.491 |
| Volume Resistivity (30°C) Ω-cm | 50X10 ¹¹ Min |

PHYSICAL PROPERTIES

| ITEMS | VALUE |
|---------------------|-------|
| Boiling point °C | 415 |
| Flash point °C | 244 |
| Viscosity cps @30°C | 65 |
| Freezing point °C | -58 |

DESCRIPTION:

DINT is produced by esterifying isononanol and terephthalic acid. It is a Non-phthalate and environmentally friendly plasticizer. It is not listed among the chemical substances restricted by EU countries. DINT has low volatility, low migration, excellent electrical resistivity, cold resistance, and excellent heat resistance.

DINT's migrating rate of migrating is 35-40% lower than DOTP. DINT has low volatility and low fogging, which is used for automotive interior. Its excellent electric resistivity property and excellent heat resistance is also used for high-temperature grade wire and cable plastic products. Other plasticizers can be mixed with DINT to provide a more economical method to improve the processing properties of finished products.

USAGE: Wires & Cables. Leather & Clothes. Gloves

Shoes. Construction Materials

Medical Devices. Automotive Interior

PVC Plastics, etc.

SHELF LIFE: 12 Months

PACKING: 200KG/DRUM , 950KG/IBC, 20MT/ISOTANK