

陕西締都医药化工有限公司

Shaanxi Dideu Medichem Co. Ltd

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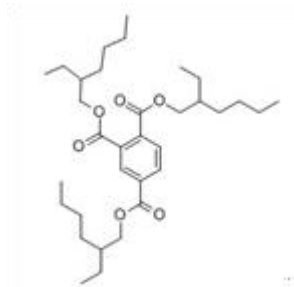
No. 302 Jinggao South Rd, Jinghe Industrial Park, Gaoling County, Shaanxi Province, China 710200

Technical Data Sheet

Product: Trioctyl trimellitate (TOTM)

CAS: 3319-31-1

Batch No.: 202405061241



Applications:

It is mainly used for 105°C grade heat-resistant PVC wire and cable material, medical equipment, food packaging, heat-resistant and durable sheet, sheet, gasket and other products.

Physical property :

Solubility: slightly soluble in water, soluble in ether, acetone and other most organic solvents.

Crystallization point: $\geq -46^{\circ}\text{C}$

Boiling point: $258^{\circ}\text{C} / 0.13\text{kPa}$

Refractive index (20°C) : 1.482 ~ 1.488

Viscosity (25°C) : 210 mPa • s

Specification:

Item	Standard
Appearance	An oily liquid that is clear and free of
Pt-Co \leq	40
Acid value,mg KOH/g \leq	0.10
Water,wt% \leq	0.05
Heating loss ($125^{\circ}\text{C} \times 3\text{hrs}$),wt% \leq	0.1
Density (20°C), g/cm 3	0.984-0.991
Flash point $^{\circ}\text{C} \geq$	245
Volume resistivity (20°C), ($\Omega \cdot \text{cm}$) $\times 10^{11}$	10

Ester content,wt%≥	99.5
2-ethylhexanol content, (mg/kg)≤	≤100
Di-(2-ethylhexyl) phthalate,ppm≤	≤50
Dioctyl terephthalate (DOTP)/%≤	0.6

Hazardous properties:

Harmful by inhalation, in contact with skin and if swallowed.

Packaging

200kg galvanized drum, IBC ton drum, ISO tank, special tank truck.

Shelf life:

The shelf life is two year under room temperature sealed packaging

Storage requirements:

Store in a cool, ventilated airtight container.

