



# Shanghai King Chemical Co.,Ltd

Tel: +86-21-67817854 Fax: +86-21-67817855

Address: ROOM CDEF , 9th Floor, Building D, Weijing Center Tower  
NO.2337 GuDal Road, Minhang District, Shanghai, China

## Technical Data Sheet

**Product name:** Dioctyl Terephthalate

**Molecular formula:** C<sub>24</sub>H<sub>38</sub>O<sub>4</sub>

**Molecular weight:** 390.52g/mol

### Applications

DOTP is a new type of non-toxic and environment - friendly plasticizer. It is widely used in artificial leather, PVC cable materials, plastic films, plastic sandals, foam sandals, door and windows seals, PVC profiles, soft boards, all kinds of soft and hard pipes, decorative materials and foam boards, etc.

### Characteristics

1. High plasticizing efficiency
2. Long thermal stability time
3. good intermiscibility with its polymers

Item	Spec.	Test Method
Color/(Pt-Co number)	30 max	HG/T 2423-2008
Acid Value (mgKOH/g)	0.02 max	HG/T 2423-2008
Density (20°C) g/cm <sup>3</sup>	0.981-0.985	HG/T 2423-2008
Water content (%)	0.03 max	HG/T 2423-2008
Flash Point(°C)	210 min	HG/T 2423-2008
Purity(%)	99.5 min	HG/T 2423-2008
Volume resistivity (Ω m)	2x10 <sup>10</sup> min	HG/T 2423-2008

### Packaging and Storage

200kg/drum

It should be stored in a dry, ventilated warehouse without heavy impact.