RM10064 3,3′,4,4′-Benzophenonetetracarboxylic dianhydride

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<tr>
<th>Product Number</th>
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**Product Information**

- **Product Code**: RM10064
- **Product Name**: 3,3′,4,4′-Benzophenonetetracarboxylic dianhydride
- **Synonym**: 4,4′-Carbonyldiphthalic anhydride
- **Molecular Formula**: C_{17}H_{6}O_{7}
- **Molecular Weight**: 322.23
- **CAS No.**: 2421-28-5
- **EC No.**: 219-348-1
- **HS Code**: 2918 30 00
- **Shelf Life**: 4 years

**Technical Specification**

- **Appearance**: White to yellow to tan powder or chunks
- **Solubility**: 100 mg soluble in 1 mL of dimethylformamide
- **FTIR (KBr disc)**: Matches with the standard pattern
- **Melting range**: 219 - 226°C
- **Assay (HPLC/Morpholine Titration by HCl)**: 95.00 - 104.00 %

**GHS Safety Information**

- **Hazard Statement(s)**: H319-H335
- **Precautionary Statement(s)**: P261-P305+P351+P338
- **Signal Word**: Warning

**Risk and Safety Information**

- **R-Phrase(s)**: 36/37
- **S-Phrase(s)**: 25
- **WGK**: 1
- **Storage Temperature(°C)**: Store below 30°C

**Transport Information**

- **Marine Pollutant**: No
- **ADR/RID**: Not Dangerous Goods

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