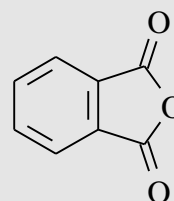


Phthalic Anhydride (PA)

Molecular formula: C₈H₄O₃

Structural formula:



Chemical name: Benzene-1,2-dicarboxylic anhydride
1,3-Phthalandione

Molecular weight: 148.11 g/mol

Cas: Isobenzofuran-1,3-dione

Appearance: white flakes or transparent melt

CAS Nr.: [85-44-9]

Quality Specifications:

	Specified value	typical value or range	testing method
Phthalic anhydride content:	min. 99,8 %	99,85 %	gaschromatography
Solidification point:	min. 130,8 °C	130,90 - 131,00 °C	ASTM D 1493-67
Phthalic acid content:	max. 0,05 %	0,01 - 0,03 %	Acid-alkalimetry
Maleic anhydride content:	max. 0,05 %	< 0,005 %	gaschromatography
Benzoic acid content:	max. 0,05 %	0,01 - 0,03 %	gaschromatography
Phthalide content:	max. 0,05 %	0,02 - 0,05 %	gaschromatography
Color number of liquid material:	max. 20 Hz	10 - 20 Hz	ASTM D 3366-80/ISO 1389/II
Heat stability of liquid material:	max. 40 Hz	20 - 40 Hz	ASTM D 3366-80/ISO 1389/III