



## DETAILS

Name	Phthalic Anhydride (Flakes)	CAS No.	85-44-9
IUPAC name	1,2-benzenedicarboxylic anhydride	PubChem	
Alternative names	Isobenzofuran-1,3-dione	RTECS	TI3150000
Molecular formula	C8H4O3	EINECS number	
Molar Mass	148.1 g/mol	IMCO	
Source	VENEZUELA	UN number	

## SPECIFICATION – PHTHALIC ANHYDRIDE

Test		Result	Testing method
Appearance	a) solid	white flakes	visual
	b) liquid	liquid	visual
Phthalic anhydride content, min.	%, min	99.8	Chromatographic gas
Maleic anhydride content, max.	%, max	0.05	Chromatographic gas
Benzoic Acid	%, max	0.07	
Phthalide	%, max	0.07	
Phthalic Acid	%, max	0.10	
Melted material colour (Hazen), max.	Hazen units	10	SF 25-2003
Colour stability at heating (90 minutes at 250°C), max	Hazen units	50	SF 25-2003
Solidification Point, min.	°C	130.8	STAS 8358-83
Acidity Index		755 ± 5	
Solubility in Benzene		100	

## APPLICATIONS

- In plasticizers, alkyd resins and dyestuff manufacturing;
- In pharmaceutical industry.

## PACKING

Phthalic anhydride flakes is transported in 25 Kg palletized bags in 40 feet containers (22,5 MTS net per 40 FCL)

**Storage should be made in special warehouses.**