

PHTHALIC ANHYDRIDE FLAKES

Last revision 2011

Chemical Name: Molecular formula: C₈H₄O₃
 No.CAS: 85-44-9
 Abbreviation: PA

General Description:

Phthalic anhydride is a solid and white substance like flakes, with pungent odor. In contact with water it results phthalic acid.

Technical Quality Conditions:

Characteristics	Unit	Values	Test methods
Appearance	-	white flakes	visual
Phthalic anhydride content, min.	%	99.7	ILL-003/1-04-14
Maleic anhydride content, max	%	0.05	ILL-003/1-04-14
Molten color (Hazen), max.	Hazen units	20	ASTM D 3366
Color stability at heating (90 minutes at 250°C), max	Hazen units	60	ASTM D 3366
Melting point, min	°C	130.9	ILL-003/1-04-10
Calcination residue, max.	%	0.01	STAS 8358

Specific Properties:

Ignition temperature, °C	152
Flammability	inflammable

The specific properties present approximate values and contain general information, without being part of the technical quality conditions.

Main Applications:

- in plasticizers, alkyd resins, dyes and pigments manufacturing;
- unsaturated polyester resins;
- polyester polyols;
- halogenated anhydrides;
- pharmaceutical industry.

Packing and storage:

The product is packed in 25 kg bags.
The product is stored in warehouses specially designated.

Safety Considerations:

Phthalic anhydride is a toxic product.
Before handling and using of product, the personnel must be aware of the dangers implied. This information is available in MSDS and on the product label.

Attention:

Please contact OLTCHIM to see if the document has been revised and for any other additional information related to the product.

Important:

For a better suitability of the product for your particular purpose, tests are recommended prior product use. You are advised to make your own determination as to safety, appropriate manner of handling, storage, use and disposal. All the information contained in this product technical sheet is offered for your consideration, investigation and verification. The data is presented in good faith and is believed to be reliable. You should not consider the descriptions, information, data or design as a part of our terms and conditions of sale. We expressly disclaim responsibility or liability for any loss, damage or expense arising out of non-compliance with the information provided herein.