

Novichem Co.

Your Chemical Partner

P.O. Box: 15886-13941, Tehran / IR

Phone : +98-21-88329799 (Hunting)

Fax : +98-21-88329799

E-mail : info@novichem.co

Web : www.novichem.co

PHTHALIC ANHYDRIDE

CAS #: 85-44-9

DESCRIPTION

Phthalic Anhydride is in white flake form obtained from partial oxidation with air of o-xylene on a solid bed.

TECHNICAL SPECIFICATIONS

Test	Test Method	Specification
Crystallization point, °C, (Min.)	ASTM D - 1493	130.8
Color of the molten material, APHA, (Max.)	ASTM D - 3366	< 20
Color of the molten material after heat treatment, APHA, (Max.)	ASTM D - 3366	40
Free acidity as Phthalic acid, percent by mass, (Max.)	IS 5158 A- 4	0.01
Maleic Anhydride (%w/w)	GC	< 0.04
Other impurities (as Benzoic & Phthalide) percent by mass,(Max.) (%w/w)	GC	< 0.05
Appearance	Visual	White Flakes
Phthalic Anhydride (%w/w)	GC	> 99.9

APPLICATIONS

Phthalic Anhydride is an important chemical intermediate mainly used in production of:

- Alkyd resins for paints and varnishes.
- Plasticizers for PVC
- Unsaturated Polyester Resins
- Dye intermediate, Pigments
- Polyester Polyols
- Agrochemicals

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