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Laszlo Corporation

PHTHALIC ANHYDRIDE FLAKES

SPECIFICATION

GENERAL DESCRIPTION:

Phthalic anhydride, the anhydride form of phthalic acid, is produced by the oxidation of orthoxylene and naphthalene, at room temperature it forms white crystal like flakes. Phthalic anhydride is used to make simple esters widely used as plasticizers. In contact with water it results in phthalic acid.

Technical quality conditions:

Characteristics	Method	Values
Appearance	-	White Flakes
Phthalic anhydride content, min.	%	99.7
Maleic anhydride content, max	%	0.05
Molten color (Hazen), max.	Hazen Units	20
Color Stability at heating (90 minutes @ 250 C), max	Hazen Units	60
Melting point, min.	° c	130.9
Calcination residue, max.	%	0.01

SPECIFIC PROPERTIES:

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

Ignition temperature	152
Flammability	Flammable

MAIN APPLICATIONS:

- ▶ Plastizers;
 - ▶ Unsaturated polyester resins;
 - ▶ Alkyd resins;
 - ▶ Polyester polyols;
 - ▶ Dyes and pigments;
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- ▶ Halogenated anhydrides;
- ▶ Pharmaceutical industry;

SHIPPING INFORMATION:

- ▶ Palletized 25 Kg bags

STORAGE:

Phthalic anhydride should be stored in a cool, dry well ventilated area out of direct sunlight and away from heat and ignition sources. Protect from accidental contact with water. Keep containers tightly secured and labelled.