

A. PETROCHEMICALS

LIST OF PRODUCTS

1. Di-OCTYL PHTHALATE
2. PHTHALIC ANHYDRIDE
3. MALEIC ANHYDRIDE



Nimir Chemicals Pakistan Limited

Di-Octyl Phthalate (DOP)

A5DOPXG

Delivery Form:
Tanker 5,000 kg/10,000kg
MS Drum : 200kg

Principal Properties:

Clear. Almost Colourless. Viscous Liquid.
Mild Odour. Insoluble in water.
Readily Soluble in Organic Solvents.

Application:

Versatile Plasticizer
Used in Plasticizing Poly Vinyl Chloride (PVC)
Binder in Paints, Pigmented and Unpigmented Lacquers
And for Grinding Pigments.

Derivation:

Esterification of Phthalic Anhydride and
2 Ethyl Hexanol

Solubility:

Alcohol
Ketones
Halogenated hydrocarbons
Aromatic hydrocarbons

Product Data:

Viscosity (@ 20°)	82 cp
Purity	99.7 wt%
Colour	30 APHA (max)
Heat Stability	50 APHA
Boiling poin	270°

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Phthalate Anhydride (PA)

A5PTHA010

Delivery Form:
Paper Bag 25 Kg

Principal Properties:

White Flakes. Mild Odour.
Slightly soluble in ether and hot water.

Application:

Used in Plasticizers
Used in Alkyd Resins (Glyptal)
Used to modify physical properties of Synthetic Resins

Derivation:

Oxidation of Ortho-Xylene

Solubility:

Alcohol
Carbon Di-Sulphide
Acetone

Product Data:

PA Content	99.8 wt%
Colour index to hazen	20 APHA
Heat Stability	50 APHA
Boiling point	285°
Solidification point	130.9°

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Maleic Anhydride (MA)

A5MAANOIO

Delivery Form:
Poly Proplene Bag 25 Kg

Principal Properties:

White pelletes.
Acidic and Choking odour.
Partially soluble in Chloroform and Benzene.

Application:

Used in manufacture of Unsaturated Polyester Resins (UPR)
Alkyd Resins, for Varnishes, Drying Oils, Agricultural Chemicals,
and Fumaric Acid.
It is also used in production of Polyester Resins and Copolymers.
Dye intermediate.

Derivation:

Air oxidation of Ortho-Xylene, Benzene.

Solubility:

Acetone
Alcohol
Water

Product Data:

Grade of Purity	99
Colour index to hazen	20 APHA
Odour	Acidic, Choking
Minimum Assay	99.5%
Melting Point	52-55°C
Boiling Point	200°
Solidification point	52.4°

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