

Antioxidant Plaox-DODPA

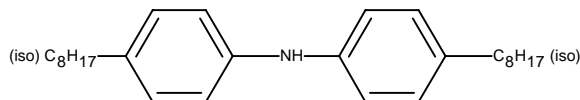
Chemical name: 4, 4'-Dioctyl Diphenylamine

Molecular formula: C₂₈H₄₃N

Equivalent: Vanox-12/ Vanlube-81

CAS No.: 101-67-7

Molecular weight: 393



PHYSICAL PROPERTIES:

Appearance: Off white powders

Specific gravity (g/cm³), @20 °C: 1.01

Flash point: 210 °C max

Solubility (g/100g solvent), @20 °C

Petroleum & Synthetic lubricant bases: Soluble

Water: Insoluble

SPECIFICATIONS

Appearance: Off white powders

Loss on drying (%), (10g, 100 °C, 2hr.): 0.50 Max

Purity (%), wt: 90.00 Min.

Ash content (%), wt: 0.05 Max

Melting point (°C): 95.0 Min

APPLICATIONS

General purpose antioxidant for all elastomers; specially purified for many nonstaining and moderate discoloring applications such as cables, footwear, flooring, gaskets, bicycle tubes and tires.

It is particularly recommended for polychloroprene since it does not promote bin scorch to the extent caused by other antidegradants. Used in hot melt adhesives, where good color retention is important

Antioxidant and corrosion inhibitor in silane and siloxane synthetic lubricants (fluids & greases)

Used in hydraulic fluids, industrial oils, automatic transmission fluids and petroleum/synthetic engine oils.

PACKING

25kg/bag