

Antioxidant Plaox-DCDPA

Chemical name: Dicumylated Diphenylamine

Synonymous: 4, 4'-Bis (alpha,alpha'-dimethylbenzyl)diphenylamine

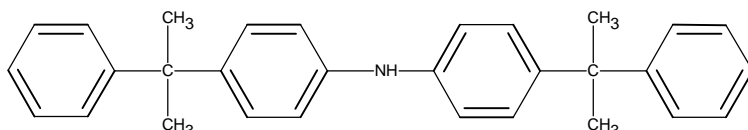
Equivalent: Permanax CD, Permanax 49, Nangard 445, Nocrac CD

Molecular formula: C₃₀H₃₁N

Molecular weight: 406

CAS No.: 10081-67-1

Structural formula:



PHYSICAL PROPERTIES:

Appearance: White to off-white powders

Specific gravity (g/cm³), @20 °C: 1.14

Flash point: 277 °C

Solubility (g/100g solvent), @20 °C

Water: Insoluble

SPECIFICATIONS

Appearance: White to off-white powder

Loss on drying (1 hr / 70 °C): 0.3% max.

Melting range: 98 ~ 102 °C

Ash Content (%), wt: 0.1 max

APPLICATIONS

For BR, CR, Nitrile rubbers, EPDM and SBR. The combination of high amine antioxidant activity, good color and low volatility makes it an ideal antioxidant and heat stabilizer for rubber and plastics

Effective in Polyisoprene, Neoprene, Nitrile, HNBR and acrylic rubbers

PACKING

25kg/bag