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ISO 9001-2000
REGISTERED

STANGARD® ODP
Octylated Diphenylamine

Stangard ODP is a medium activity, amine-type antioxidant for general-purpose elastomer use. It has a wide range of applications including covering cables, footwear, flooring, and gaskets where moderate discoloration is acceptable. Stangard ODP antioxidant is suggested in polychloroprene since it does not promote bin scorch to the extent caused by other antidegradants.

Stangard ODP, Octylated Diphenylamine, is regulated under Code of Federal Regulations FDA 177.2600 (iii) as an antioxidant for rubber provided that the total concentration of antioxidants or antiozonants does not exceed 5.0% by weight of the rubber product. It is also regulated under Section 175.105 for adhesives.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Tan Flakes
Melting Point	96.5°C

Stangard ODP causes medium staining and discoloration. It has good storage stability, but extremes of temperature and humidity should be avoided. The recommended maximum shelf life is one year.

COMPOUNDING INFORMATION:

Stangard ODP offers antioxidant activity in a moderate staining/discoloration product. It is widely used in polychloroprene (up to 3.0 phr) where it generally does not promote bin scorch as other antidegradants often do.

Stangard ODP is also used as an antioxidant in tire carcass stocks, and as a general-purpose non-blooming antidegradant in both black and non-black stocks, and in latex applications.

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