PL-1076: ANTIOXIDANT

Description

PL-1076 is a highly efficient sterically hindered phenolic antioxidant.

CAS #: 2082-79-3

HO
$$CH_{2}$$
 $C-O-C_{18}H_{37}$

Performance Properties

- ✓ Light stable
- ✓ Odorless
- ✓ Excellent color retention
- ✓ Low volatility and high resistance to extraction

Typical Applications

✓ Use with organic substrates such as plastics, synthetic fibers, elastomers, adhesives, waxes, oils, and fats to protect against thermos-oxidative degradation.

Typical Properties

0.1 - 1.0 %

 $\begin{array}{lll} \mbox{Appearance} & \mbox{White Powder} \\ \mbox{Molecular Formula} & \mbox{C_{35}H}_{62}O_3 \\ \mbox{Molecular Weight} & 530.86 \\ \mbox{Melt Point} & 49-54^{\circ}C \\ \mbox{Flash Point} & 273^{\circ}C \\ \mbox{Bulk Density} & 260-320\ g/l \end{array}$

Usage Levels

All information contained in this data sheet is given in good faith and without liability. It is intended to serve only as guidance. Users are advised to conduct their own evaluation of the product to determine its proficiency into products and processes. Users should ensure that the use of the product complies with all applicable current legislation.

